



# Recombinant Rat Syntaxin-binding protein 2 (Stxbp2)

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| <b>Product Code</b>      | CSB-BP714029RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Abbreviation</b>      | Stxbp2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Uniprot No.</b>       | Q62753                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>          | MAPLGLKAVV VEKILSGVIR SVKKDGEWKV LIMDHPSMRI LSSCCKMSDI<br>LAEGITIVED INKRREPIPS LEAIYLLSPT EKSQVQALIAD FQGTPTFTYK<br>AAHIFFTDTC PEPLFSELGR SRLAKVVKTL KEIHLAFLPY EAQVFSLDAP<br>HSTYNLYCPF RAGERGRQLD VLAQQIATLC ATLQEYPSIR YRKGPEDTAQ<br>LAHAVLAKLN AFKADTPSLG EGPEKTRS QL LIMDRAADPV SPLHHELTQ<br>AMAYDLLHIE QDTYRYETT G LSESREKAVL LDEDDDLWVE LRHMHIADVS<br>KKVTELLKTF CESKRLTTDK ANIKDLSHIL KKMPQYQKEL NKYSTHLHLA<br>DDCMKHFKGS VEKLCGVEQD LAMGSDAEGE KIKDTMKLIV PVLLDASVPP<br>YDKIRVLLLY ILLRNGVSEE NLAKLIQHAN VQSYSLNLRN LEQLGGTVTN<br>SAGSGTSSRL ERRERMEPTY QLSRWSPVIK DVMEDVVEDR LDRKLWPFVS<br>DPAPVSSSQ AVSSARFGHW HKNKAGIEAR AGPRLIVYIV GGVAMSEMRA<br>AYEVTRATEG KWEVLIGSSH ILTPTRFLDD LRTLDQKLED IALP |
| <b>Source</b>            | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Target Names</b>      | Stxbp2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Names</b>     | Recommended name: Syntaxin-binding protein 2 Alternative name(s): Protein unc-18 homolog 2 Short name= Munc18-2 Short name= Unc18-2 Protein unc-18 homolog B Short name= Unc-18B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Expression Region</b> | 1-594                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                                                                                                                                                                                                                                                                                     |



## Shelf Life

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