



Recombinant Human Synaptosomal-associated protein 29 (SNAP29)

Product Code	CSB-EP021874HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95721
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSAYPKSYNP FDDDGEDEGA RPAPWRDARD LPDGPDAPAD RQQYLRQEV L RRAEATAAST SRSLALMYES EKVGVASSEE LARQRGVLER TEKMVDKMDQ DLKISQKHIN SIKSVFGLV NYFKSKPVET PPEQNGTLTS QPNNRLKEAI STSKEQEAKY QASHPNLRKL DDTDPVPRGA GSAMSTDAYP KNPHLRAYHQ KIDSNLDELS MGLGRLKDIA LGMQTEIEEQ DDILDRLTTK VDKLDVNIKS TERKVRQL
Source	E.coli
Target Names	SNAP29
Protein Names	Recommended name: Synaptosomal-associated protein 29 Short name= SNAP-29 Alternative name(s): Soluble 29 kDa NSF attachment protein Vesicle-membrane fusion protein SNAP-29
Expression Region	1-258
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene, a member of the SNAP25 gene family, encodes a protein involved in multiple membrane trafficking steps. Two other members of this gene family, SNAP23 and SNAP25, encode proteins that bind a syntaxin protein and mediate synaptic vesicle membrane docking and fusion to the plasma membrane. This protein binds tightly to multiple syntaxins and is localized to intracellular membrane structures rather than to the plasma membrane. While the protein is mostly membrane-bound, a significant fraction of it is found free in the cytoplasm. Use of multiple polyadenylation sites has been noted for this gene.
Reconstitution	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	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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.