



# Recombinant Scyliorhinus stellaris Keratin, type I cytoskeletal 18 (krt18)

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| <b>Product Code</b>      | CSB-YP528812SYB  |
| <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>       | O57611   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Scyliorhinus stellaris (Nursehound) (Greater spotted dogfish)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | TYRGYTSLS SHSGPMSIRR SMPLQSSASS ISGYGQRMV SRISRVASLG<br>SSSSAAAGIG MGGVGNQKET MQDLNDRLAT YLEKVHSLET GNAKLELQIK<br>EHL DARGPSF RDWSIYEKPL NELRKEVYDM TVDNARLILQ IDNARLAADD<br>FRVKWESELS IRQSVENDIN GLRKVIDDTN IGR LHLETEI ESLKEELIYI<br>RKNHDEEVKA LRSQVADSSV HVEVDSAPGP DLSKVLAEIR KEYEGVAQKN<br>KDDAEIWYKN QMDGYKVEVK HNTDELCSAK VQVTELHRQI QSLEVELES<br>LSMKN SLEGT LRDTELRYEM ELQTINGMIA KLEADLHQIR GDMQAQVREY<br>EILLNIKMKL EAEIATYRRL LDGEDINTLV ESTSGVTSQT IKKTIVTTQK<br>VVDGKIVSDE TVQIN |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | krt18  |
| <b>Protein Names</b>     | Recommended name: Keratin, type I cytoskeletal 18 Alternative name(s):<br>Cytokeratin-18 Short name= CK-18 Keratin-18 Short name= K18  |
| <b>Expression Region</b> | 2-415  |
| <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 of Mature 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.  |
| <b>Shelf Life</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.   |