

Product datasheet for **TP308380L**

SPCS3 (NM_021928) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human signal peptidase complex subunit 3 homolog (<i>S. cerevisiae</i>) (SPCS3), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC208380 protein sequence Red =Cloning site Green =Tags(s) |
| | MNTVLSRANSLFAFSLSVMAALTFGCFITAFKDRSVPVRLHVSRIMLKKNVEDFTGPRERSDLGFITFDI TADLENIFDWNVKQLFLYLSAEYSTKNNALNQQVVLWDKIVLRGDNPKLLKDMKTKYFFDDGNGLKGNR NVTLTLSWNVVPNAGILPLVTGSGHVSVPFPDYEITKSY TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 20.1 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_068747</u> |
| Locus ID: | 60559 |
| UniProt ID: | <u>P61009</u> |



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| | |
|-------------------|---|
| RefSeq Size: | 4596 |
| Cytogenetics: | 4q34.2 |
| RefSeq ORF: | 540 |
| Synonyms: | PRO3567; SPC3; SPC22; SPC22/23; SPC23; YLR066W |
| Summary: | Component of the microsomal signal peptidase complex which removes signal peptides and other N-terminal peptides from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum.[UniProtKB/Swiss-Prot Function] |
| Protein Families: | Protease, Transmembrane |

Product images:



Coomassie blue staining of purified SPCS3 protein (Cat# [TP308380]). The protein was produced from HEK293T cells transfected with SPCS3 cDNA clone (Cat# [RC208380]) using MegaTran 2.0 (Cat# [TT210002]).