

# Recombinant Human SCRN1, His-tagged

**Cat. No.** SCRN1-76H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human SCRN1 was expressed in E.coli and purified by using conventional chromatography techniques.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | SCRN1 also known as SES1 isoform a. SCRN1 regulates exocytosis in mast cells. It increases both the extent of secretion and the sensitivity of mast cells to stimulation with calcium and belongs to the peptidase C69 family.                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 48.8kDa (437aa) confirmed by MALDI-TOF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | <p>MGSSHHHHHH SSGLVPRGSH MGSMAAAPPs YCFVAFPPRA KDGLVVFGKN</p> <p>SARPRDEVQE VVYFSAADHE PESKVECTYI SIDQVPRTYA IMISRPAPLW</p> <p>GAEMGANEHG VCIANEAINTE REPAAEIEAL LGMDLVRLGL ERGETAKEAL</p> <p>DVIVSLLEEH GQGGNYFEDA NSCHSFQSAY LIVDRDEAWV LETIGKYWAA</p> <p>EKVTEGVRCI CSQLSLTTKM DAEHPELRSY AQSQGWWTGE GEFNFSEVFS</p> <p>PVEDHLDCGA GKDSLEKQEE SITVQTMNT LRDKASGVCI DSEFFLTAS</p> <p>GVSVLPQNRS SPCIHFTGT PDPSRSIFKP FIFVDDVKLV PKTQSPCFGD</p> <p>DDPAKKEPRF QEKPDRRHEL YKAHEWARAI IESDQEQGRK LRSTMLELEK</p> <p>QGLEAMEEIL TSSEPLDPAE VGDLFYDCVD TEIKFFK</p> |

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|                      |                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | >90% by SDS - PAGE                                                                                                                                 |
| <b>Storage</b>       | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |
| <b>Concentration</b> | 0.5mg/ml (determined by Bradford assay)                                                                                                            |

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