

## 32-13399: SCR1 Human

**Alternative Name :** Secernin-1, SES1, KIAA0193, Secernin 1.

### Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

Secernin 1 (SCR1) which is a member of the peptidase C69 family, regulates exocytosis in mast cells. SCR1 increases both the level of secretion and the sensitivity of mast cells to stimulation with calcium.

SCR1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 437 amino acids (1-414 a.a) and having a molecular mass of 48.8kDa. SCR1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** SCR1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4) , 10% glycerol and 1mM DTT.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** GSSHHHHHH SGLVPRGSH MGSMAAAPP YCFVAFPPRA KDGLVFGKN SARPRDEVQE VVYFSAADHE  
PESKVECTYI SIDQVPRTYA IMISRPALW GAEMGANEHG VCIANEAIN REPAAEIEAL LGMDLVRLGL  
ERGETAKEAL DVIVSLLEEH GQGGNYFEDA NSCHSFQSAY LIVDRDEAWV LETIGYWAA EKVTEGVRCI  
CSQLSLTTKM DAEHPELSY AQSQGWWTGE GEFNFSEVFS PVEDHLDCGA GKDSLEKQEE  
SITVQTMNT LRDKASGVC DSEFFLTAS GSVLPQNRS SPCIHFTGT PDPSRSIFKP FIFVDDVKLV  
PKTQSPCFGD DDPAKKEPRF QEKPDRRHEL YKAHEWARAI IESDQEQRK LRSTMLELEK QGLEAMEEIL  
TSSEPLDPAE VGDLFYDCVD TEIKFFK.