

**SCRN1, 1-414aa, Human, His tag, E.coli**

**Cat.NO.: TP03867**

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3th Edition

**Synonyms:**Secernin-1 isoform a, SES1

**Description:**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. Recombinant human SCRN1 was expressed in E.coli and purified by using conventional chromatography techniques

**Form:**Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

**Molecular Weight:**48.8kDa (437aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSM AAPP SYCFVAFPPRAKDGLVVF GKNSARPRDEVQEVVYFSAADHEPES  
KVECTYISIDQVPRTYAIMISRPAWLWGAEMGANEHGVCIANEAINTREPAAEIEALLGMDLVRLGLERGETAKEALD  
VIVSLLEEHGQGGNYFEDANSCHSFQSAYLIVDRDEAWVLETIGKYWAAEKVTEGVR CICSQLSLTTKMDAEHPEL  
RSYAQSQGWWTGE GEFNFSEV FSPVEDHLDCGAGKDSLEKQ EESITVQTM MNTLRDKASGVCIDSEFFLTTASGV  
SVLPQNRSSPCIH YFTGTPDPSRSIFKPFIFVDDVKLVPKTQSPCFGDDDDPAKKEPRFQEKPD RRHEL YKAHEWAR  
AIIESDQEQGRKLRSTMLELEKQGLEAMEEILTSSEPLDPAEVGDLFYDCVDTEIKFFK

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.