PRODUCT INFORMATION

Expression system E.coli

Domain 1-414aa

UniProt No. Q12765

NCBI Accession No. NP_001138985.1

Alternative Names Secernin-1 isoform a, SES1

PRODUCT SPECIFICATION

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

Concentration 0.5mg/ml (determined by Bradford assay)

Formulation Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol, 1mM DTT

Purity > 90% by SDS-PAGE

Tag His-Tag

Application SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MAAAPPS YCFVAFPPRA KDGLVVFGKN SARPRDEVQE VVYFSAADHE



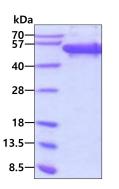
PESKVECTYI SIDQVPRTYA IMISRPAWLW GAEMGANEHG VCIANEAINT REPAAEIEAL LGMDLVRLGL ERGETAKEAL DVIVSLLEEH GQGGNYFEDA NSCHSFQSAY LIVDRDEAWV LETIGKYWAA EKVTEGVRCI CSQLSLTTKM DAEHPELRSY AQSQGWWTGE GEFNFSEVFS PVEDHLDCGA GKDSLEKQEE SITVQTMMNT LRDKASGVCI DSEFFLTTAS GVSVLPQNRS SPCIHYFTGT PDPSRSIFKP FIFVDDVKLV PKTQSPCFGD DDPAKKEPRF QEKPDRRHEL YKAHEWARAI IESDQEQGRK LRSTMLELEK QGLEAMEEIL TSSEPLDPAE VGDLFYDCVD TEIKFFK

General References

Suda T., et al. (2006) Cancer Sci. 97:411-419.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.