

Recombinant human SCRN1 protein

Catalog Number: ATGP3096

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 SGLVPRGSH MGS>MAAAPP YCFVAFPPRA KDGLVVFVK SARPRDEVQE VVYFSAADHE

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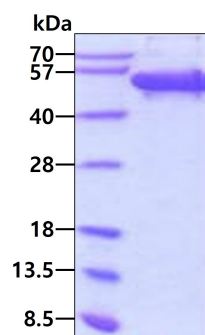
PESKVECTYI SIDQVPRTYA IMISRPAWLW GAEMGANEHG VCIANEAINTE REPAAEIEAL LGMDLVRLGL ERGETAKEAL
DVIVSLLEE H GQGGNYFEDA NSCHSFQSAY LIVDRDEAWV LETIGKYWAA EKVTEGVRCI CSQLSLTTKM DAEHPELRSY
AQSQGWWTGE GEFNFSEVFS PVEDHLDCGA GKDSLEKQEE SITVQTMNT LRDKASGVC I DSEFFLTAS GVSVLPQNRS
SPCIHYFTGT PDPSRSIFKP FIFVDDVKLV PKTQSPCFGD 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.