
Product Data Sheet

Product Name: SCRN1 Human
 Cat. No.: GP24505
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Secernin-1; SES1; KIAA0193; Secernin 1.		
Amino Acid Sequence	<p>GSSHHHHHH SSSLVPRGSH MGSMAAAPP YCFVAFPPRA KDGLVVFQKN SARPRDEVQE VVYFSAADHEPESKVECTYI SIDQVPRTYA IMISRPWWLW GAEMGANEHG VCIANEAINTEPAAEIEAL LGMDLVRLGLERGETAKEAL DVIVSLLEEH GQGGNYFEDA NSCHSFQSY LIVDRDEAWV LETIGKYWAA EKVTEGVRCICSQLSLTTKM DAEHPELSY AQSQGWWTGE GEFNFSEVFS PVEDHLDCEG GKDSLEKQEE SITVQTMNTLRDKASGVCIDSEFFLTTAS GVSVLPQNRS SPCIHFTGT PDPSRSIFKP FIFVDDVKLV PKTQSPCFGDDDPAPKKEPRF QEKDRRHEL YKAHEWARAI IESDQEQGRK LRSTMLELEK QGLEAMEEIL TSSEPLDPAE VGDLYDCVDTEIKFFK.</p>		
Formulation	SCRN1 protein solution (0.5mg/ml) containing Phosphatebuffered saline (pH7.4) , 10% glycerol and 1mM DTT.		

Introduction

Secernin 1 (SCRN1) which is a member of the peptidase C69 family, regulates exocytosis in mast cells. SCRN1 increases both the level of secretion and the sensitivity of mast cells to stimulation with calcium.

Stability

Store at 4°C if entire vial will be used within 2-4weeks. 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.

Background

SCRN1 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

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48.8kDa.SCRN1 is fused to a 23 amino acid His-tag at N-terminus& purified by proprietary chromatographic techniques.

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