VSTM1 Protein, Human (119a.a, HEK293, His)

Cat. No.:	HY-P71428
Synonyms:	V-set and transmembrane domain-containing protein 1; SIRL-1; Signal inhibitory receptor on leukocytes-1; VSTM1
Species:	Human
Source:	HEK293
Accession:	Q6UX27 (Y17-T135)
Gene ID:	284415
Molecular Weight:	25-35 kDa

PROPERTIES

AA Sequence	Y E D E K K N E K P P K P S L H A W P S S V V E A E S N V T L K C Q A H S Q N V T F V L R K V N D S G Y K Q E Q S S A E N E A E F P F T D L K P K D A G R Y F C A Y K T T A S H E W S E S S E H L Q L V V T D K H D E L E A P S M K T D T R T
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US;may vary elsewhere.

DESCRIPTION

Background	S100A10 protein induces the dimerization of ANXA2/p36, suggesting a regulatory role in protein phosphorylation, where the ANXA2 monomer is the preferred target for tyrosine-specific kinase in vitro. The protein forms a heterotetramer, consisting of two light chains of S100A10/p11 and two heavy chains of ANXA2/p36. Additionally, S100A10 interacts with SCN10A and TASOR, indicating its involvement in various molecular interactions.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA