

## VSTM1 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77282
Synonyms:	V-set and transmembrane domain-containing protein 1; S1RL-1; Signal inhibitory receptor on leukocytes-1; VSTM1
Species:	Human
Source:	HEK293
Accession:	Q6UX27 (M1-T135)
Gene ID:	284415
Molecular Weight:	50-60 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
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.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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