

Product datasheet for **TP727981**

VSIG4 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human V-Set and Ig Domain-Containing Protein 4/VSIG4/CRlg (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Arg20-Val284
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human V-Set and Immunoglobulin Domain-Containing Protein 4 is produced by our Mammalian expression system and the target gene encoding Arg20-Val284 is expressed with a Fc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	11326
UniProt ID:	<u>Q9Y279</u>
Synonyms:	V-set and immunoglobulin domain-containing protein 4; VSIG4;Protein Z39Ig;Z39IG;CRlg
Summary:	V-set and immunoglobulin domain-containing protein 4(VSIG4) is a transmembrane protein contains a signal peptide, a V-type Ig-like domain, a C2-type Ig-like domain, several potential O-glycosylation sites, and an intracellular domain with 2 potential phosphorylation sites and is structurally related to the B7 family of immune regulatory proteins. This protein is also a receptor for the complement component 3 fragments C3b and iC3b.The main function is strong negative regulator of T-cell proliferation and IL2 production and it is also potent inhibitor of the alternative complement pathway convertases. It abundantly expressed in several fetal tissues such as adult tissues, highest expression in lung and placenta and it also expressed in resting macrophages.
Protein Families:	Transmembrane



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