

## Product datasheet for PH303751

### VSIG4 (NM\_007268) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	VSIG4 MS Standard C13 and N15-labeled recombinant protein (NP_009199)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203751
Predicted MW:	44 kDa
Protein Sequence:	>RC203751 protein sequence Red=Cloning site Green=Tags(s)

MGILLGLLLLGHLLTVDTYGRPILEVPEVSVTGPWKGDVNLPCYDPLQGYTQVLVKWLVRGSDPVTIFLR  
DSSGDHIQQAKYQGRHLVSHKVPQDVSLQLSTLEMDDRSHYTCEVTWQTPDGNQVVRDKITELRVQKLSV  
SKPTVTTGSGYGFVTPQGMRIQLQCARGSPPISYIWKYQQTNNQEPKIVATLSTLLFKPAVIADSGSYF  
CTAKGQVGSEQHSDIVKVVKDSKLLKTKTEAPTMTYPLKATSTVKQSWDWTDMGDLGETSAGPGK  
SLPVFAIILIIISLCCMVVFTMAYIMLCRKTSQQEHVVEAARAHAREANDSGETMRVAIFASGSSDEPTS  
QNLGNNYSDEPCIGQEYQIIAQINGNYARLLDTVPLDYEFLATEGKSVC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_009199</u>
RefSeq Size:	1869
RefSeq ORF:	1197
Synonyms:	CRlg; Z39IG
Locus ID:	11326



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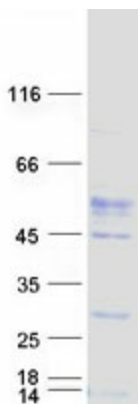
UniProt ID: [Q9Y279](#)

Cytogenetics: Xq12

**Summary:** This gene encodes a v-set and immunoglobulin-domain containing protein that is structurally related to the B7 family of immune regulatory proteins. The encoded protein may be a negative regulator of T-cell responses. This protein is also a receptor for the complement component 3 fragments C3b and iC3b. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified VSIG4 protein (Cat# [TP303751]). The protein was produced from HEK293T cells transfected with VSIG4 cDNA clone (Cat# [RC203751]) using MegaTran 2.0 (Cat# [TT210002]).