

Recombinant Human VSIG4 Protein

Catalog #	Source	Reactivity	Applications
CRP2528	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human VSIG4 Protein is produced by our Mammalian expression system and the target gene encoding Arg20-Pro283 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
Gene Symbol	VSIG4		
Alternative Names	CRIg; Z39IG; V-set and immunoglobulin domain-containing protein 4; Protein Z39Ig		
Entrez Gene	11326 (Human)		
SwissProt	Q9Y279 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	RPILEVPEVS TGPWKGDVNL PCTYDPLQGY TQVLVKWLVQ RGS DPVTIFL RDSSGDHIQQ AKYQGR LHVS HKVPGDVSLQ LSTLEMDDRS HYTCEVTWQT PDGNQVVRDK ITEL RVQKLS VSKPTVTTGS GYGFTVPQGM RISLQCQARG SPPISYIWYK QQTNNQEPIK VATLSTLLFK PAVIADSGSY FCTAKGQVGS EQHSDIVKFV VKDSSKLLKT KTEAPTTMTY PLKATSTVKQ SWDWTTDMDG YLGETSAGPG KSLPVDH HHH HH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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