

Recombinant Human VSIG4 Protein

Catalog #	Source	Reactivity	Applications
CRP2529	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-Val284 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.
Gene Symbol	VSIG4
Alternative Names	CRlg; 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 reducing SDS-PAGE.
Chemical Structure	<p>RPILVPEVS TGPWKGDVNL PCTYDPLQGY TQVLVKWLVQ RGS DPVTIFL RDSSGDHIQQ</p> <p>AKYQGR LHVS HKVPGDVSLQ LSTLEMDDRS HYTCEVTWQT PDGNQVVRDK ITEL RVQKLS</p> <p>VSKPTVTTGS GYGFTVPQGM RISLQCQARG SPPI SYIWYK QQTNNQEPIK VATLSTLLFK</p> <p>PAVIADSGSY FCTAKGQVGS EQHSDIVKFV VKDSSKLLKT KTEAPTTMTY PLKATSTVKQ</p> <p>SWDWTTDMDG YLGETSAGPG KSLPVDDIEG RMDEPKSCDK THTCP PCPAP ELLGGPSVFL</p> <p>FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV</p> <p>VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVY TLP PSREEMTKNQ</p> <p>VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV</p> <p>FCSVMHEAL HNHYTQKSL S LSPGK</p>
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

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

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

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