

Recombinant Human JAM2 Protein

Catalog #	Source	Reactivity	Applications
CRP1842	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human JAM2 Protein is produced by our mammalian expression system and the target gene encoding Phe29-Asn236 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 JAM2

Alternative Names C21orf43; VEJAM; Junctional adhesion molecule B; JAM-B; Junctional adhesion molecule 2; JAM-2; Vascular endothelial junction-associated molecule; VE-JAM; CD322

Entrez Gene 58494 (Human)

SwissProt P57087 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure FSAPKDQQVV TAVEYQEAIL ACKTPKKTVS SRLEWKKLGR SVSFVYYQQT LQGDFKNRAE MIDFNIRIKN VTRSDAGKYR CEVSAPSEQG QNLEEDTVTL EVLVAPAVPS CEVPSSALSG TVVELRCQDK EGNPAPEYTW FKDGIRLLEN PRLGSQSTNS SYTMNKTGT LQFNTVSKLD TGEYSCEARN SVGYRRCPGK RMQVDDLNDV DIEGRMDEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTP E VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSREEM TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALTHNHYTQ KSLSLSPGK

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

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

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.

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

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