

Product Data Sheet

Recombinant Human MFAP4 Protein

Catalog #	Source	Reactivity	Applications
CRP1955	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human MFAP4 Protein is produced by our mammalian expression system and the target gene encoding Val22-Ala255 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 7.4.		
Gene Symbol	MFAP4		
Alternative Names	Microfibril-associated glycoprotein 4		
Entrez Gene	4239 (Human)		
SwissProt	P55083 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	VSGIRGDALE RFCLQQPLDC DDIYAQGYQS DGVYLIYPSG PSVPVPVFCD MTTEGGKWTV FQKRFGSVS FFRGWNDYKL GFGRADGEYW LGLQNMHLLT LKQKYELRVD LEDFENNTAY AKYADFSISP NAVSAEEDGY TLFVAGFEDG GVGDSL SYHS GQKFSTFDRD QDLFVQNCAA LSSGAFWFRS CHFANLNGFY LGGSHLSYAN GINWAQWKGF YYSLKRTEMK IRRAVDHHHH 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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Aliquots of reconstituted samples are stable at -20°C for 3 months.

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