

Recombinant Human FAM172A Protein

Catalog #	Source	Reactivity	Applications
CRP2702	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human FAM172A Protein is produced by mammalian expression system and the target gene encoding Gln19-Lys416 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.		
Gene Symbol	FAM172A		
Alternative Names	C5orf21; Protein FAM172A		
Entrez Gene	83989 (Human)		
SwissProt	Q8WUF8 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>QIQQGGPDEK EKTALKDLL SRIDLDELMK KDEPPLDFPD TLEGFEYAFN EKGQLRHIKT GEPFVFNYRE DLHRWNQKRY EALGEIITKY VYELLEKDCN LKKVSIPVDA TESEPKSFI MSEDALTNPQ KLMVLIHGSG VVRAGQWARR LIINEDLDSG TQIPFIKRAV AEGYGVIVLN PNENYIEVEK PKIHVQSSSD SSDEPAEKRE RKDKVSKETK KRRDFYEKYR NPQREKEMMQ LYIRENGSPE EHAIYVWDHF IAQAAAENVF FVAHSYGGLA FVELMIQREA DVKNKVTAVA LTDSVHNVWH QEAGKTIREW MRENCNWWVS SSEPLDTSVE SMLPDCPRVS AGTDRHELTS WKSFPSIFKF FTEASEAKTS SLKPAVTRRS HRIKHEELVD HHHHHH</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 lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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

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 $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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