

Recombinant Human AMIGO2 Protein

Catalog #	Source	Reactivity	Applications
CRP1044	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human AMIGO2 Protein is produced by our Mammalian expression system and the target gene encoding Val40-His393 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	AMIGO2		
Alternative Names	ALI1; Amphoterin-induced protein 2; AMIGO-2; Alivin-1; Differentially expressed in gastric adenocarcinomas; DEGA		
Entrez Gene	347902 (Human)		
SwissProt	Q86SJ2 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	VCPTACICAT DIVSCTNKNL SKVPGNLFRL IKRLDLSYNR IGLLDSEWIP VSFACLNTLI LRHNNITSIS TGSFSTTPNL KCLDLSSNKL KTVKNAVFQE LKVLEVLLLY NNHISYLDPS AFGGLSQLQK LYLSGNFLTQ FPMDLYVGRF KLAELMFLDV SYNRIPSMPM HHINLVPGKQ LRGIYLGHPV FVCDCLSYSL LVFWYRRHFS SVMDFKNDYT CRLWSDSRHS RQVLLQDSF MNCSDSIING SFRALGFIHE AQVGERLMVH CDSKTGNANT DFIWVGPDNR LLEPDKEMEN FYVFHNGSLV IESPRFEDAG VYSCIAMNKQ RLLNETVDVT INVSNFTVSR SHAHVDHHHH 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		

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

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 $2-8^{\circ}\text{C}$ for 2-7 days.

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

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