

Recombinant Human AMIGO3 Protein

Catalog #	Source	Reactivity	Applications
CRP1045	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human AMIGO3 Protein is produced by our Mammalian expression system and the target gene encoding Thr20-Thr383 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	AMIGO3		
Alternative Names	ALI3; KIAA1851; Amphoterin-induced protein 3; AMIGO-3; Alivin-3		
Entrez Gene	386724 (Human)		
SwissProt	Q86WK7 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	TPDSEGFPPR ALHNCYPYKCI CAADLLSCTG LGLQDVPAEL PAATADLDLS HNALQRLRPG WLAPLFQLRA LHLDHNELDA LGRGVFVNAS GLRLLDLSSN TLRALGRHDL DGLGALEKLL LFNNRLVHLD EHAFHGLRAL SHLYLGCNEL ASFSFDHLHG LSATHLLTLD LSSNRLGHIS VPELAALPAF LKNGLYLHNN PLPCDCRLYH LLQRWHQRGL SAVRDFAREY VCLAFKVPAS RVRFFQHSRV FENCSSAPAL GLERPEEHLY ALVGRSLRLY CNTSVPAMRI AWWSPQQELL RAPGSRDGS I AVLADGSLAI GNVQEQHAGL FVCLATGPRL HHNQTHEYNV SVHFPRPEPE AFNTVDHHHH 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.		

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°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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