

Active Recombinant Human AMIGO3 Protein, Fc tagged

Cat. No. AMIGO3-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human AMIGO3 Protein(Thr20-Pro378) with Human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in Chinese Hamster Ovary cell line.
Species	Human
Source	CHO
Description	Predicted to be involved in brain development; heterophilic cell-cell adhesion via plasma membrane cell adhesion molecules; and positive regulation of synapse assembly. Predicted to be active in membrane.
Form	Lyophilized
Bio-activity	Measured by its ability to inhibit IL-2 secretion by mouse T cells in the presence of anti-CD3. The ED50 for this effect is 1-5 µg/mL.
Molecular Mass	66 kDa
Endotoxin	< 0.10 EU/µg of the protein by the LAL method.
Purity	> 95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Storage	12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8

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	centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Shipping	The product is shipped at ambient temperature.
Reconstitution	Reconstitute at 200 µg/mL in PBS.
N-terminal Sequence Analysis	Thr20
Storage Buffer	Disulfide-linked homodimer. Lyophilized from a 0.2 µm filtered solution in PBS.
GENE INFORMATION	
Gene Name	AMIGO3 adhesion molecule with Ig-like domain 3 [Homo sapiens (human)]
Official Symbol	AMIGO3
Synonyms	AMIGO3; adhesion molecule with Ig-like domain 3; amphoterin-induced protein 3; amphoterin induced gene and open reading frame 3; alivin-3; amphoterin-induced gene and ORF 3; AMIGO-3; MGC120552
Gene ID	386724
mRNA Refseq	NM_198722
Protein Refseq	NP_942015
MIM	615691
UniProt ID	Q86WK7

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