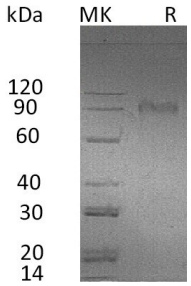
Product Name: Recombinant Human AMIGO2 (C-Fc)
Catalog #: PHH1922

Summary

Name	AMIGO2/Alivin-1/Amphoterin-Induced Protein 2/adhesion molecule with Ig-like domain 2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Amphoterin-induced Gene And ORF 2 is produced by our Mammalian expression system and the target gene encoding Gly39-His393 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q86SJ2
Host	Human Cells
Species	Human
Predicted Molecular Mass	67.5 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names	Amphoterin-Induced Protein 2; AMIGO-2; Alivin-1; Differentially Expressed in Gastric Adenocarcinomas; DEGA; AMIGO2; ALI1
Background	Amphoterin-Induced Protein 2 (AMIGO2) is a single-pass type I membrane protein which belongs to the AMIGO family of immunoglobulin superfamily. Mature AMIGO2 contains an Ig-like C2-type (immunoglobulin-like) domain, 6 LRR (leucine-rich) repeats, a LRRCT domain, as well as a LRRNT domain. AMIGO2 is mainly expressed in in breast, ovary, cervix, and uterus, although lower in lung, colon, and rectum. AMIGO2 required for depolarization-dependent survival of cultured cerebellar granule neurons. AMIGO2 may mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3. AMIGO2 may contribute to signal transduction through its intracellular domain, and may be required for tumorigenesis of a subset of gastric adenocarcinomas.

Note

For Research Use Only , Not for Diagnostic Use.