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Datasheet for ABIN7320075 ADAM15 Protein (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	ADAM15
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ADAM15 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse ADAM15 Protein (His Tag)(Active)
Sequence:	Met 1-Thr 697
Characteristics:	A DNA sequence encoding the mouse ADAM15 (O88839-1) extracellular domain (Met 1-Thr 697) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	1. Measured by its ability to bind human PTK6 in a functional ELISA.2. Measured by its ability to bind human SRC in a functional ELISA.3. Measured by its ability to bind mouse SRC in a functional ELISA. 4. Measured by its ability to bind human LYN in a functional ELISA.

Target Details

Target:	ADAM15
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Target Details

Alternative Name: ADAM15 ([ADAM15 Products](#))

Background: ADAM15, also known as Metargidin, is a type I transmembrane glycoprotein belonging to the ADAM (A Disintegrin and Metalloprotease Domain) family of proteins and is widely expressed in different tissues and cell types. Members of this family contain an amino-terminal metalloprotease domain followed by a disintegrin domain, a cysteine-rich region and a membrane proximal EGF-like domain. The disintegrin domain of ADAM15/metargidin contains an RGD tripeptide sequence, suggesting that it may potentially interact with the integrin family of proteins. ADAM15 is a transmembrane multi-domain proteins implicated in proteolysis, cell-cell and cell-matrix interactions in various disease conditions. There is also evidence supporting a role for ADAM15 in angiogenesis and angioinvasion of tumor cells, which are critical for unrestrained tumor growth and metastatic spread. Given its diverse functions, ADAM15 may represent a pivotal regulatory component of tumor progression, an important target for therapeutic intervention, or emerge as a biomarker of disease progression.

Synonym: MDC15,metargidin

Molecular Weight: 74.6 kDa

Application Details

Restrictions: For Research Use only

Handling

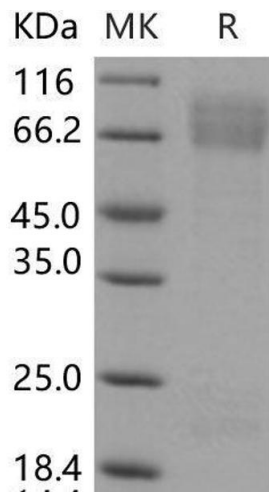
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.