

ADAM9 Protein, Human (HEK293, His)

Cat. No.:	HY-P77867
Synonyms:	ADAM 9; Meltrin-gamma; Mdc9; Mltng; Adam9; Kiaa0021; AU020942; MDC9; mKIAA0021; CORD9; MCMP; MLTNG
Species:	Human
Source:	HEK293
Accession:	Q13443 (A29-D697)
Gene ID:	8754
Molecular Weight:	40-45 kDa

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	ADAM9, a metalloprotease, plays a pivotal role in tumorigenesis and angiogenesis by cleaving and releasing various molecules including TEK, KDR, EPHB4, CD40, VCAM1, and CDH5. Its multifaceted functions extend to mediating cell-cell and cell-matrix interactions, thereby regulating cell motility through interactions with integrins. Additionally, ADAM9 may function as an alpha-secretase for the amyloid precursor protein (APP), highlighting its involvement in processes relevant to neurobiology and neurodegenerative disorders.
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Caution: Product has not been fully validated for medical applications. For research use only.

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