

ADAMDEC1 Protein, Human (HEK293, His)

Cat. No.:	HY-P7460
Synonyms:	rHuADAM-like protein decysin-1, His; ADAMDEC-1; ADAM-like protein decysin-1
Species:	Human
Source:	HEK293
Accession:	O15204 (K206-E470)
Gene ID:	27299
Molecular Weight:	Approximately 38.0 kDa

PROPERTIES

AA Sequence	<pre> K S P E K E D F L R A Q K Y I D L Y L V L D N A F Y K N Y N E N L T L I R S F V F D V M N L L N V I Y N T I D V Q V A L V G M E I W S D G D K I K V V P S A S T T F D N F L R W H S S N L G K K I H D H A Q L L S G I S F N N R R V G L A A S N S L C S P S S V A V I E A K K K N N V A L V G V M S H E L G H V L G M P D V P F N T K C P S G S C V M N Q Y L S S K F P K D F S T S C R A H F E R Y L L S Q K P K C L L Q A P I P T N I M T T P V C G N H L L E V G E D C D C G S P K E C T N L C C E A L T C K L K P G T D C G G D A P N H T T E </pre>
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 0.2 µm filter solution of 20 mM Tris, 150 mM NaCl, 1 mM ZnCl ₂ , pH 7.5.
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	ADAM-like Decysin-1 (ADAMDEC1) is a member of the ADAM family and a secreted type of metalloprotease. ADAMDEC1 contains a signal peptide, a prodomain, a catalytic domain, and an incomplete disintegrin domain. ADAMDEC1 contains the ADAM consensus sequence for the proteolytic activity and exhibits a metalloproteinase activity for α ₂ -macroglobulin (α ₂ M) in vitro. The expression of ADAMDEC1 is upregulated in the mix culture of normal and RasV12-transformed epithelial cells,
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which facilitates apical extrusion of the transformed cells^[1].

REFERENCES

[1]. Yako Y, et al. ADAM-like Decysin-1 (ADAMDEC1) is a positive regulator of Epithelial Defense Against Cancer (EDAC) that promotes apical extrusion of RasV12-transformed cells. Sci Rep. 2018 Jun 25;8(1):9639.

Caution: Product has not been fully validated for medical applications. For research use only.

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