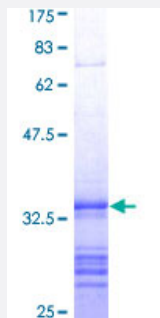


ADAM10 (Human) Recombinant Protein (Q01)

Catalog # H00000102-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ADAM10 partial ORF (NP_001101, 346 a.a. - 435 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KSKLYSDGKKKSLNTGIITVQNYGSHVPPKVSHITFAHEVGHNFSGPHDSGTECTPGESKNLGQK ENGNYIMYARATSGDKLNNNKFSLC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ADAM10

Entrez GeneID [102](#)

GeneBank Accession# [NM_001110](#)

Protein Accession# [NP_001101](#)

Gene Name ADAM10

Gene Alias AD10, CD156c, HsT18717, MADM, kuz

Gene Description ADAM metallopeptidase domain 10

Omim ID [602192](#)

Gene Ontology [Hyperlink](#)

Gene Summary Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes an ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin. [provided by RefSeq]

Other Designations a disintegrin and metalloprotease domain 10|a disintegrin and metalloproteinase domain 10|kuzbanian

Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Creutzfeldt-Jakob Syndrome](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)