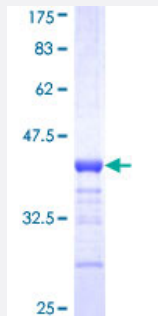


ADAM33 (Human) Recombinant Protein (Q01)

Catalog # H00080332-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ADAM33 partial ORF (NP_079496, 551 a.a. - 650 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AHGNCGQDSEGHFLPCAGRDALCGKLQCQGGKPSLLAPHMVPVDSTVHLDGQEVTCTRGALAL PSAQLDLLGLGLVEPGTQCGPRMVCQSRRRCRKNFQEL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (58)
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 — ADAM33

Entrez GeneID	80332
GeneBank Accession#	NM_025220
Protein Accession#	NP_079496
Gene Name	ADAM33
Gene Alias	C20orf153, DJ964F7.1, DKFZp434K0521, FLJ35308, FLJ36751, MGC149823, MGC71889
Gene Description	ADAM metallopeptidase domain 33
Omim ID	607114
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This protein is a type I transmembrane protein implicated in asthma and bronchial hyperresponsiveness. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	OTTHUMP00000030126 a disintegrin and metalloprotease 33 a disintegrin and metalloproteinase domain 33 disintegrin and reprolysin metalloproteinase family protein

Disease

- [Asthma](#)
- [Atherosclerosis](#)

- [Brain Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Hypersensitivity](#)
- [Immune System Diseases](#)
- [Infant](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Respiratory Sounds](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)