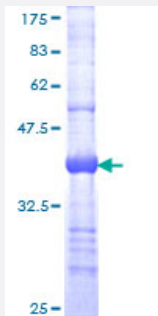


ADAM11 (Human) Recombinant Protein (Q01)

Catalog # H00004185-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ADAM11 partial ORF (NP_002381, 230 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GHPTVHSETKYVELVINDHQLFEQMRQSVVLTSNFAKSVVNLADVYKEQLNTRIVLVAMETWAD GDKIQVQDDLLETARLMVYRREGLPEPSDATHLFSGR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.18
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 — ADAM11

Entrez GeneID [4185](#)

GeneBank Accession# [NM_002390](#)

Protein Accession# [NP_002381](#)

Gene Name ADAM11

Gene Alias MDC

Gene Description ADAM metallopeptidase domain 11

Omim ID [155120](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the ADAM (a disintegrin and metalloprotease) protein 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 gene represents a candidate tumor suppressor gene for human breast cancer based on its location within a minimal region of chromosome 17q21 previously defined by tumor deletion mapping. [provided by RefSeq]

Other Designations a disintegrin and metalloproteinase domain 11|metalloproteinase-like, disintegrin-like, cysteine-rich protein

Disease

- [Alcoholism](#)