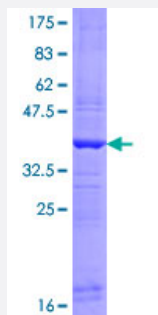


MMP21 (Human) Recombinant Protein (Q01)

Catalog # H00118856-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MMP21 partial ORF (NP_671724.1, 374 a.a. - 481 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TRYGDPIQILTGWPGIPTHNIDAFVHMTWKRDERYFFQGNQYWRYDSKDKQALTEDEQGKSYPKL ISEGFPGIPSPLDTAFYDRRQKLIYFFKESLVFAFDVNRNRV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
Interspecies Antigen Sequence	Mouse (77); Rat (75)
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 — MMP21

Entrez GeneID [118856](#)

GeneBank Accession# [NM_147191](#)

Protein Accession# [NP_671724.1](#)

Gene Name MMP21

Gene Alias -

Gene Description matrix metalloproteinase 21

Omim ID [608416](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the matrix metalloproteinase family. Proteins in this family are involved in the breakdown of extracellular matrix for both normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, and disease processes, such as asthma and metastasis. The encoded protein may play an important role in embryogenesis, particularly in neuronal cells, as well as in lymphocyte development and survival. [provided by RefSeq]

Other Designations OTTHUMP00000020708|matrix metalloproteinase 21

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Liver Neoplasms](#)