

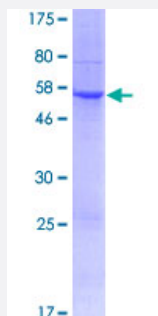
Full-Length

TMIGD1 (Human) Recombinant Protein (P01)

Catalog # H00388364-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TMIGD1 full-length ORF (NP_996663.1, 1 a.a. - 262 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAWKSSVIMQMGRFLLLVLFLPREMTSSVLTVNGKTENYILDTPGSQASLICAVQNHTREEELL
WYREEGRVDLKSGNKINSSVCVSSISENDNGISFTCRLGRDQSVSVSVVLNVTFPLLSGNDFQ
TVEEGSNVKLVKNVKANPQAQMMWYKNSSLLDLEKSRHQIQTSESFQLSITKVEKPDNGTYSI
AKSSLKTESLDFHLIVKDKTVGVPIEPIAACVVIFLTLCFGLIARRKKIMKLCMKDKDPHSETAL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.6

Interspecies Antigen Sequence

Mouse (73); Rat (76)

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 — TMIGD1

Entrez GeneID	388364
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GeneBank Accession#	NM_206832.1
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Protein Accession#	NP_996663.1
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Gene Name	TMIGD1
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Gene Alias	TMIGD, UNQ9372
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Gene Description	transmembrane and immunoglobulin domain containing 1
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Gene Ontology	Hyperlink
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Other Designations	AWKS9372 transmembrane and immunoglobulin domain containing
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Publication Reference

- [Decreased TMIGD1 aggravates colitis and intestinal barrier dysfunction via the BANF1-NF-κB pathway in Crohn's disease.](#)

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Application: Pull-Down, N/A, Recombinant proteins