

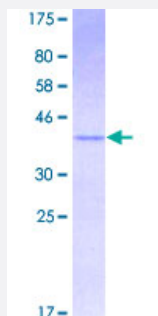
Full-Length

MGST2 (Human) Recombinant Protein (P01)

Catalog # H00004258-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human MGST2 full-length ORF (AAH25416, 1 a.a. - 147 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGNSILLAAVSVLSACQSYFALQVGKARLKYKVTPPAVTGSPEFERVFRAQQNCVEFYPIFIITL WMAGWYFNQVFATCLGLVYYGRHLYFWGYSEAAKKRITGFRLSLGILALLTLLGALGIANSFLDEYL DLNIAKKLRRQF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	41.91
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 — MGST2

Entrez GeneID [4258](#)

GeneBank Accession# [BC025416](#)

Protein Accession# [AAH25416](#)

Gene Name MGST2

Gene Alias FLJ27438, GST2, MGC14097, MGST-II

Gene Description microsomal glutathione S-transferase 2

Omim ID [601733](#)

Gene Ontology [Hyperlink](#)

Gene Summary The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, several of which are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes a protein which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4. [provided by RefSeq]

Other Designations OTTHUMP00000164539|microsomal GST-2|microsomal GST-II|truncated microsomal glutathione S-transferase 2

Pathway

- [Drug metabolism - cytochrome P450](#)
- [Glutathione metabolism](#)

- [Metabolism of xenobiotics by cytochrome P450](#)

Disease

- [Psoriasis](#)
- [Tobacco Use Disorder](#)