

Recombinant Human MGST3 Protein, GST-tagged

Cat. No. MGST3-5311H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MGST3 full-length ORF (AAH00505, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, several of which are involved the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes an enzyme which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4. This enzyme also demonstrates glutathione-dependent peroxidase activity towards lipid hydroperoxides. [provided by RefSeq
Molecular Mass	42.46 kDa
AA Sequence	MAVLSKEYGFVLLTGAASFIMVAHLAINVSKARKKYKVEYPIMYSTDPENGHIFNCIQ RAHQNTLEVYPPFLFFLAVGGVYHPRIASGLGLAWIVGRVLYAYGYTGEPSKRSRG ALGSIALGLVGTTVCSAFQHLGWKSGLGSGPKCCH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

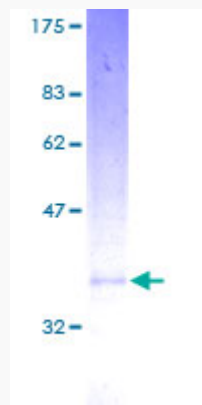
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MGST3 microsomal glutathione S-transferase 3 [Homo sapiens]
Official Symbol	MGST3
Synonyms	MGST3; microsomal glutathione S-transferase 3; GST III; microsomal glutathione S transferase III; microsomal GST 3; microsomal GST III; microsomal GST-3; microsomal GST-III; microsomal glutathione S-transferase III; GST-III;
Gene ID	4259
mRNA Refseq	NM_004528
Protein Refseq	NP_004519
MIM	604564
UniProt ID	O14880

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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