

Recombinant Human GSTA5 Protein, GST-tagged

Cat. No. GSTA5-4412H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GSTA5 full-length ORF (AAI48817.1, 1 a.a. - 222 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The glutathione S-transferases (GST; EC 2.5.1.18) catalyze the conjugation of reduced glutathiones and a variety of electrophiles, including many known carcinogens and mutagens. The cytosolic GSTs belong to a large superfamily, with members located on different chromosomes. For additional information on GSTs, see GSTA1 (MIM 138359).[supplied by OMIM
Molecular Mass	51.37 kDa
AA Sequence	MAEKPKLHYSNARGSMESIRWLLAAAGVELEEKFLESAEDLDKLRNDGSLLFQQVP MVEIDGMKLVQTRAILNYASKYNLYGKDMKERALIDMYTEGIVDLTEMILLLLICQPEE RDAKTALVKEKIKNRYFPAFEKVLKSHRQDYLVGNKLSWADIHLVELFYVEELDSSL ISSFPLLKALKTRISNLPTVKKFLQPGSQRKPPMDEKSLEEARKIFRF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 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	GSTA5 glutathione S-transferase alpha 5 [Homo sapiens]
Official Symbol	GSTA5
Synonyms	GSTA5; glutathione S-transferase alpha 5; glutathione S transferase A5; glutathione S-transferase A5; GST class-alpha member 5; glutathione transferase A5; glutathione S-transferase A5-5;
Gene ID	221357
mRNA Refseq	NM_153699
Protein Refseq	NP_714543
MIM	607605
UniProt ID	Q7RTV2

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