

Recombinant Human AGXT Protein, His-tagged

Cat. No. AGXT-503H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGXT(Gly187~Leu741) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly187~Leu741
Description	This gene is expressed only in the liver and the encoded protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification. Mutations in this gene, some of which alter subcellular targeting, have been associated with type I primary hyperoxaluria
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	23.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others
GENE INFORMATION	
Gene Name	AGXT alanine-glyoxylate aminotransferase [Homo sapiens]
Official Symbol	AGXT
Synonyms	AGXT; alanine-glyoxylate aminotransferase; SPAT; serine--pyruvate aminotransferase; AGT; AGT1; AGXT1; glycolicaciduria; L alanine: glyoxylate aminotransferase 1; oxalosis I; PH1; primary hyperoxaluria type 1; serine:pyruvate aminotransferase; SPT; serine-pyruvate aminotransferase; alanine--glyoxylate aminotransferase; L-alanine: glyoxylate aminotransferase 1; hepatic peroxisomal alanine:glyoxylate aminotransferase; TLH6;
Gene ID	189
mRNA Refseq	NM_000030
Protein Refseq	NP_000021
MIM	604285

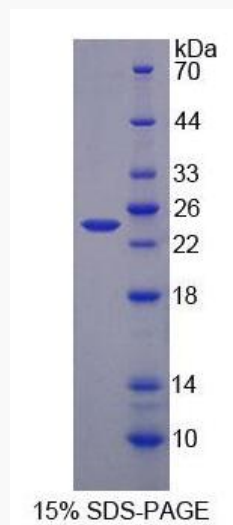
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