

Recombinant Human GLOD4, His-tagged

Cat. No. GLOD4-27652TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GLOD4 with N terminal His tag; 318 amino acids with tag, Predicted MWt 35.3.
Species	Human
Source	E.coli
ProteinLength	298 amino acids
Description	GLOD4, also known glyoxalase domain-containing protein 4, is an enzyme that belongs to the glyoxalase system.
Conjugation	HIS
Molecular Weight	35.300kDa inclusive of tags
Tissue specificity	Expressed in heart, brain, liver, kidney, pancreas and placenta. Not expressed in skeletal muscle and lung.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	<p>MGSSHHHHHSSGLVPRGSHMAARRALHFVFKVGNRFQTARFYRDVLGMKVLRH</p> <p>EEFEEGCKAACNGPYDGKWSKTMVGFPEDDHFVAELTYNYGVGDYKLGNDFMGI</p> <p>TLASSQAVSNARKLEWPLTEVAEGVFETEAPGGYKFYLNRSPLQSDPVLKVTLAV</p> <p>SDLQKSLNYWCNLLGMKIYEKDEEKQRALLGYADNQCKLELQGVKGGVDHAAAFG</p> <p>RIAFSCPQKELPDLEDLMKRENQKILTPLVSLDTPGKATVQVVILADPDGHEICFVGD</p> <p>EAFRELSKMDPEGSKLLDDAMAADKSDEWFAKHNKPKASG</p>
Sequence Similarities	Belongs to the glyoxalase I family.
GENE INFORMATION	
Gene Name	GLOD4 glyoxalase domain containing 4 [Homo sapiens]
Official Symbol	GLOD4
Synonyms	GLOD4; glyoxalase domain containing 4; C17orf25, chromosome 17 open reading frame 25; glyoxalase domain-containing protein 4; CGI 150; HC71;
Gene ID	51031
mRNA Refseq	NM_016080
Protein Refseq	NP_057164
Uniprot ID	Q9HC38
Chromosome Location	17p13.3

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