

Glyoxalase Domain Containing 4 Recombinant Protein | GLOD4 recombinant protein

Recombinant Human Glyoxalase Domain Containing 4

CATALOG # AAA39010	HOST Escherichia Coli.
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PRODUCT SYNONYMS

Glyoxalase Domain Containing 4; Recombinant Human Glyoxalase Domain Containing 4; GLOD4 Human; Glyoxalase Domain Containing 4 Human Recombinant; Glyoxalase domain containing protein 4; HC71; C17orf25; CGI-150; Chromosome 17 open reading frame 25; GLOD4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli.
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	The GLOD4 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol.
Sequence	MGSSHHH HHHSSGLVPR GSHMAA RRALHFVFKV GNRFTQTARFY RDVLGMKVL RHEEFEEGCKA ACNGPYDGKW SKTMVGFGPE DDHFVAELTY NYGVGDYKLG NDFMGITLAS SQAVSNARKL EWPLTEVAEG VFETEAPGGY KFYLNQNSLP QSDPVLKVT L AVSDLQKSLN YWCNLLGMKI YEKDEEKQRA LLGYADNQCK LELQGVKGGV DHAAAFGR IA FSCPQKELPD LEDLMKRENQ KILTPLVSLD TPGKATVQVV ILADPDGHEI CFVGDEAFRE LSKMDPEGSK LLDDAMAADK SDEWFAKH NK PKASG
Sequence Length	298
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for GLOD4 recombinant protein	Description: GLOD4 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 318 amino acids (1-298) and having a molecular mass of 35.3 kDa. The GLOD4 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: GLOD4 is a part of the glyoxalase system which is a group of enzymes that is in charge of the detoxification of methylglyoxal and other reactive aldehydes that are usually produced in metabolism. The mitochondrial protein GLOD4 is known to interact with NUDT9.
Product Categories/Family for GLOD4 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	217330598
NCBI GeneID	51031
NCBI Accession #	NP_057164.3
NCBI GenBank Nucleotide #	NM_016080.3
UniProt Accession #	Q9HC38; Q96B89; Q9H3J8; Q9HC37; Q9NVN1; D3DTG9; D3DTH1

NCBI Official Full Name	glyoxalase domain-containing protein 4
NCBI Official Synonym Full Names	glyoxalase domain containing 4
NCBI Official Symbol	GLOD4
NCBI Official Synonym Symbols	HC71; CGI-150; C17orf25
NCBI Protein Information	glyoxalase domain-containing protein 4
UniProt Protein Name	Glyoxalase domain-containing protein 4
UniProt Gene Name	GLOD4
UniProt Synonym Gene Names	C17orf25
UniProt Entry Name	GLOD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/glod4-recombinant-protein-escherichia-coli/39010>