

Product datasheet for **AR39089PU-L**

GLOD4 (1-298, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	GLOD4 (1-298, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SGLVPRGSH</u> MAARRALHFV FKVGNRFQTA RFYRDVLGMK VLRHEEFEEG CKAACNGPYD GKWSKTMVGF GPEDDHFAE LTNYGVGDY KLGNDFMGIT LASSQAVSNA RKLEWPLTEV AEGVFETEAP GGYKFYLQNR SLPQSDPVLK VTLAVSDLQK SLNYWCNLLG MKIYEKDEEK QRALLGYADN QCKLELQGVK GGVDHAAAFG RIAFSCPQKE LPDLEDLMKR ENQKILTPLV SLDTPGKATV QVWILADPDG HEICFVGDEA FRELSKMDPE GSKLLDDAMA ADKSDEWFAK HNKPKASG
Tag:	His-tag
Predicted MW:	35.3 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GLOD4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_057164</u>
Locus ID:	51031
UniProt ID:	<u>Q9HC38</u>
Cytogenetics:	17p13.3
Synonyms:	C17orf25; CGI-150; HC71



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Summary:

GLOD4, also known glyoxalase domain-containing protein 4, is an enzyme that belongs to the glyoxalase system. This system is a set of enzymes that carry out the detoxification of methylglyoxal and the other reactive aldehydes that are produced as a normal part of metabolism. It is a mitochondrial protein that interacts with NUDT9.

Product images: