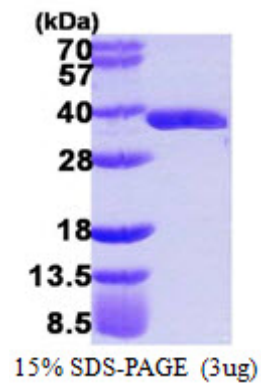


AR39089PU-N**Human GLOD4 (1-298, His-tag) - Purified**

Alternate names:	C17orf25, CGI-150, Glyoxalase domain-containing protein 4, My027
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q9HC38
NCBI:	NP_057164
GeneID:	51031
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Description:	Recombinant human GLOD4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: <u>MGSSHHHHHH SSGLVPRGSH</u> MAARRALHFV FKVGNRFQTA RFYRDVLGMK VLRHEEFEEG CKAACNGPYD GKWSKTMVGF GPEDDHFVAE LTYNYGVGDY KLGNDFMGIT LASSQAVSNA RKLEWPLTEV AEGVFETEAP GGYKFYLNQR SLPQSDPVLK VTLAVSDLQK SLNYWCNLLG MKIYEKDEEK QRALLGYADN QCKLELQGVK GGVDHAAAFG RIAFSCPQKE LPDLEDLMKR ENQKILTPLV SLDTPGKATV QVVILADPDG HEICFVGDEA FRELSKMDPE GSKLLDDAMA ADKSDEWFAK HNKPKASG Molecular weight: 35.3 kDa (318aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Qin WX. et al. (2001) Cell Res. 11:209-16. Guo JY. et al. (2002) Cell Res. 12:339-52.

Pictures:



Recombinant human GLOD4, 1-298 aa,
His-tagged

