

# Product datasheet for AR39089PU-N

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

### **Product data:**

#### OriGene Technologies, Inc.

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| Product Type:                            | Recombinant Proteins   |
|--|--|
| Description:                             | GLOD4 (1-298, His-tag) human recombinant protein, 0.1 mg   |
| Species:                                 | Human  |
| Expression Host:                         | E. coli  |
| Expression cDNA Clone<br>or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MAARRALHFV FKVGNRFQTA RFYRDVLGMK VLRHEEFEEG<br>CKAACNGPYD GKWSKTMVGF GPEDDHFVAE LTYNYGVGDY KLGNDFMGIT LASSQAVSNA<br>RKLEWPLTEV AEGVFETEAP GGYKFYLQNR SLPQSDPVLK VTLAVSDLQK SLNYWCNLLG<br>MKIYEKDEEK QRALLGYADN QCKLELQGVK GGVDHAAAFG RIAFSCPQKE LPDLEDLMKR<br>ENQKILTPLV SLDTPGKATV QVVILADPDG HEICFVGDEA FRELSKMDPE GSKLLDDAMA<br>ADKSDEWFAK HNKPKASG |
| Tag:                                     | His-tag  |
| Predicted MW:                            | 35.3 kDa   |
| Concentration:                           | lot specific   |
| Purity:                                  | >95%   |
| Buffer:                                  | Presentation State: Purified<br>State: Liquid purified protein<br>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.<br>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  |

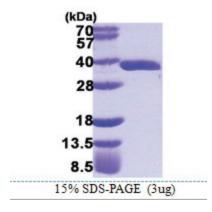


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Summary:GLOD4, also known glyoxalase domain-containing protein 4, is an enzyme that belongs to the<br/>glyoxalase system. This system is a set of enzymes that carry out the detoxification of<br/>methylglyoxal and the other reactive aldehydes that are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

#### **Product images:**



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