

Recombinant Human OPLAH protein, His&Myc-tagged

Cat. No. OPLAH-4449H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human OPLAH protein(O14841)(209-302aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 209-302aa |
| Form | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Molecular Mass | 17.4 kDa |
| AA Sequence | RELGFTHVSLSSSEAMPVVRIVPRGHTACADAYLTPAIQRYVQGFRCRGGFQGLKDVQ VLFMRSDGGLAPMDTFSGSSAVLSGPAGGVVGYSATY |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Storage | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| Reconstitution | Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for |

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long-term storage at -20°C/-80°C.

GENE INFORMATION

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|------------------------|--|
| Gene Name | OPLAH 5-oxoprolinase (ATP-hydrolysing) [Homo sapiens] |
| Official Symbol | OPLAH |
| Synonyms | OPLAH; 5-oxoprolinase (ATP-hydrolysing); 5-oxoprolinase; 5 Opase; OPLA; pyroglutamase; 5-oxo-L-prolinase; OPLAHD; 5-Opase; DKFZp434H244; |
| Gene ID | 26873 |
| mRNA Refseq | NM_017570 |
| Protein Refseq | NP_060040 |
| MIM | 614243 |
| UniProt ID | O14841 |

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