

Recombinant Human OGFOD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OGFOD2-4534H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | OGFOD2 MS Standard C13 and N15-labeled recombinant protein (NP_078899) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| Species | Human |
| Source | HEK293 |
| Description | OGFOD2 (2-Oxoglutarate And Iron Dependent Oxygenase Domain Containing 2) is a Protein Coding gene. Gene Ontology (GO) annotations related to this gene include iron ion binding and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, 2-oxoglutarate as one donor, and incorporation of one atom each of oxygen into both donors. An important paralog of this gene is PTC1. |
| Molecular Mass | 31.9 kDa |
| AA Sequence | MVELEQEVERRQRLGQESAARKALIASYHPARPEVYDSLQDAALAPEFLAVTEYSV SPDADLKGLLQRLETVSEEKRIYRVPVFTAPFCQALLELEHFEQSDMPKGRPNMTN NYGVLLHELGLDEPLMTPLRERFLQPLMALLYPDCGGGRLD SHRAFVVKYAPGQDL ELGCHYDNAELTLNVALGKVFTGGALYFGGLFQAPTALTEPLEVEHVVGQGVLRG GQLHGARPLGTGERWNLVVWLRASAVRNSLCPMCCREPDLDVDEGFGDGFRTREE PATVDVCALTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |

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| Stability | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| Storage | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| Concentration | 50 µg/mL as determined by BCA |
| Storage Buffer | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |

GENE INFORMATION

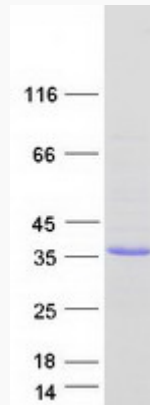
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|------------------------|--|
| Gene Name | OGFOD2 2-oxoglutarate and iron-dependent oxygenase domain containing 2 [Homo sapiens (human)] |
| Official Symbol | OGFOD2 |
| Synonyms | OGFOD2; 2-oxoglutarate and iron-dependent oxygenase domain containing 2; 2-oxoglutarate and iron-dependent oxygenase domain-containing protein 2; EC 1.14.11.- |
| Gene ID | 79676 |
| mRNA Refseq | NM_024623 |
| Protein Refseq | NP_078899 |
| UniProt ID | Q6N063 |

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SDS-PAGE



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