

## Recombinant Mouse Ogfod1 Protein, Myc/DDK-tagged

**Cat. No.** Ogfod1-4581M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length 2-oxoglutarate and iron-dependent oxygenase domain containing 1 (Ogfod1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Prolyl 3-hydroxylase that catalyzes 3-hydroxylation of 'Pro-62' of small ribosomal subunit uS12 (RPS23), thereby regulating protein translation termination efficiency. Involved in stress granule formation.
<b>Molecular Mass</b>	56.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	Ogfod1 2-oxoglutarate and iron-dependent oxygenase domain containing 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Ogfod1
<b>Synonyms</b>	OGFOD1; 2-oxoglutarate and iron-dependent oxygenase domain containing 1; 2-oxoglutarate and iron-dependent oxygenase domain-containing protein 1; AA387199; AA939912; AW061076; mKIAA1612; 4930415J21Rik
<b>Gene ID</b>	270086
<b>mRNA Refseq</b>	NM_001093757
<b>Protein Refseq</b>	NP_001087226
<b>UniProt ID</b>	Q3U0K8

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA