Recombinant Mouse Ogfod1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	56.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	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 Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Ogfod1 2-oxoglutarate and iron-dependent oxygenase domain containing 1 [Mus musculus (house mouse)]
Official Symbol	Ogfod1
Synonyms	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
Gene ID	270086
mRNA Refseq	NM_001093757
Protein Refseq	NP_001087226
UniProt ID	Q3U0K8

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