

Recombinant Mouse Gfod2 Protein, His-tagged

Cat. No. Gfod2-1016M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Gfod2 (NP_081745.1) (Met1-Leu385) was expressed with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-385 a.a.
Predicted N Terminal	Glu 26
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse Gfod2 consists 371 amino acids and predicts a molecular mass of 41.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Gfod2 glucose-fructose oxidoreductase domain containing 2 [Mus musculus]

Official Symbol Gfod2

Synonyms GFOD2; glucose-fructose oxidoreductase domain containing 2; glucose-fructose oxidoreductase domain-containing protein 2; 5730466C23Rik;

Gene ID 70575

mRNA Refseq NM_027469

Protein Refseq NP_081745

MIM

UniProt ID

Function molecular_function; nucleotide binding; oxidoreductase activity;

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