

Recombinant Human GFOD2, His-tagged

Cat. No. GFOD2-13232H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GFOD2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	106-385a.a.
Description	The protein encoded by this gene is an enzyme that can hydrolyze several types of glycosides. This gene is a polymorphic pseudogene, with the most common allele being the functional allele that encodes the full-length protein. Some individuals, as represented by the reference genome allele, contain a single nucleotide polymorphism that results in a premature stop codon in the coding region, and therefore this allele is pseudogenic due to the failure to produce a functional full-length protein. Alternative splicing of this gene results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

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Gene Name	GFOD2 glucose-fructose oxidoreductase domain containing 2 [Homo sapiens]
Official Symbol	GFOD2
Synonyms	GFOD2; glucose-fructose oxidoreductase domain containing 2; glucose-fructose oxidoreductase domain-containing protein 2; FLJ23802; MGC11335; FLJ39316;
Gene ID	81577
mRNA Refseq	NM_001243650
Protein Refseq	NP_001230579
UniProt ID	Q3B7J2
Chromosome Location	16q22.1
Function	nucleotide binding; oxidoreductase activity;

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