

Recombinant Human HGD Protein, MYC/DDK-tagged

Cat. No. HGD-256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HGD fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	HGD homogentisate 1,2-dioxygenase [Homo sapiens]
Official Symbol	HGD

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Synonyms	HGD; homogentisate 1,2-dioxygenase; AKU, homogentisate 1,2 dioxygenase (homogentisate oxidase); HGO; homogentisate oxidase; homogentisicase; homogentisate oxygenase; homogentisic acid oxidase; AKU; FLJ94126;
Gene ID	3081
mRNA Refseq	NM_000187
Protein Refseq	NP_000178
MIM	607474
UniProt ID	Q93099

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