

## Recombinant Human HGD Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HGD fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	49.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	HGD homogentisate 1,2-dioxygenase [ Homo sapiens ]
<b>Official Symbol</b>	HGD

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<b>Synonyms</b>	HGD; homogentisate 1,2-dioxygenase; AKU, homogentisate 1,2 dioxygenase (homogentisate oxidase); HGO; homogentisate oxidase; homogentisicase; homogentisate oxygenase; homogentisic acid oxidase; AKU; FLJ94126;
<b>Gene ID</b>	<a href="#">3081</a>
<b>mRNA Refseq</b>	<a href="#">NM_000187</a>
<b>Protein Refseq</b>	<a href="#">NP_000178</a>
<b>MIM</b>	<a href="#">607474</a>
<b>UniProt ID</b>	<a href="#">Q93099</a>

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