

Recombinant Mouse Hgd Protein, MYC/DDK-tagged

Cat. No. Hgd-1121M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse homogentisate 1, 2-dioxygenase (Hgd), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in liver adult (RPKM 185.1), kidney adult (RPKM 147.2) and 4 other tissues.
Molecular Mass	50 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 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Hgd homogentisate 1, 2-dioxygenase [Mus musculus (house mouse)]
Official Symbol	Hgd
Synonyms	Hgd; homogentisate 1, 2-dioxygenase; Hgo; aku; homogentisate 1,2-dioxygenase; alkaptonuria; homogentisate oxygenase; homogentisic acid oxidase; homogentisicase; EC 1.13.11.5
Gene ID	15233
mRNA Refseq	NM_013547
Protein Refseq	NP_038575
UniProt ID	O09173

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