

Recombinant Human HPD protein, His-tagged

Cat. No. HPD-3050H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HPD protein(P32754)(2-393aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-393aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	48.8 kDa
AA Sequence	TTYSDKGAKPERGRFLHFHSVTFWVGNAKQAASFYCSKMGFEPLAYRGLETGSRE VVSHVIKQGKIVFVLSSALNPWNKEMGDHLVKHGDGVKDIAFEVEDCDYIVQKARER GAKIMREPWVEQDKFGKVKFAVLQTYGDTTHTLVEKMNYIGQFLPGYEAPAFMDPL LPKLPKCSLEMIDHIVGNQPDQEMVSASEWYLKNLQFHRFWSVDDTQVHTEYSSLR SIVVANYEESIKMPINEPAPGKKKSQIQEYVDYNGGAGVQHIALKTEDIITAIRHLRER GLEFLSVPSTYYKQLREKLKTAKIKVKENIDALEELKILVDYDEKGYLLQIFTKPVQDR PTLFLEVIQRHNNHQGFGAGNFNSLFKAEEEEQNLRGNLTNMETNGVVPGM
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	HPD 4-hydroxyphenylpyruvate dioxygenase [Homo sapiens]
Official Symbol	HPD
Synonyms	HPD; 4-hydroxyphenylpyruvate dioxygenase; PPD; 4 HPPD; 4HPPD; GLOD3; glyoxalase domain containing 3; 4-hydroxyphenylpyruvic acid oxidase; 4-HPPD; HPPDASE;
Gene ID	3242
mRNA Refseq	NM_001171993
Protein Refseq	NP_001165464
MIM	609695
UniProt ID	P32754

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