

Recombinant Human HPDL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HPDL-1015H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HPDL MS Standard C13 and N15-labeled recombinant protein (NP_116145) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	HPDL (4-Hydroxyphenylpyruvate Dioxygenase Like) is a Protein Coding gene. Gene Ontology (GO) annotations related to this gene include oxidoreductase activity, acting on single donors with incorporation of molecular oxygen and 4-hydroxyphenylpyruvate dioxygenase activity. An important paralog of this gene is HPD.
Molecular Mass	39.4 kDa
AA Sequence	MAAPALRLCHIAFHVPAGQPLARNLQRLFGFQPLASREVDGWRQLALRSGDAVFLV NEGAGSGEPLYGLDPRHAVPSATNLCFDVADAGAATRELAALGCSVPVPPVRVRDA QGAATYAVVSSPAGILSLTLERAGYRGPFPLPGFRPVSSAPGPGWVSRVDHLTLAC TPGSSPTLLRWFHDCLGFCCHLPLSPGEDPELGLEMTAGFGLGGLRLTALQAQPGSI VPTLVLAESLPGATTRQDQVEQFLARHKGPGLQHVGGLYTPNIVEATEGVATAGGQF LAPPGAYYQQPGKERQIRAAGHEPHLLARQGILLDGDGKGKFLQVFTKSLFTEDTFF LELIQRQGATGFGQGNIRALWQSVQEQSARSQEATRTRPLEQKLISEEDLAANDILD YKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HPDL 4-hydroxyphenylpyruvate dioxygenase-like [Homo sapiens (human)]
Official Symbol	HPDL
Synonyms	HPDL; 4-hydroxyphenylpyruvate dioxygenase-like; GLOXD1, glyoxalase domain containing 1; 4-hydroxyphenylpyruvate dioxygenase-like protein; 4 HPPD L; MGC15668; glyoxalase domain containing 1; glyoxalase domain-containing protein 1; GLOXD1; 4-HPPD-L; RP4-534D1.1;
Gene ID	84842
mRNA Refseq	NM_032756
Protein Refseq	NP_116145
MIM	618994
UniProt ID	Q96IR7

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SDS-PAGE

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