

Mouse HPD Recombinant Protein



RPPB1824

Product Information Protein Information

Product SKU:

RPPB1824

Accession:

P49429

Host:

Escherichia Coli.

Protein description:

HPD Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 416 amino acids (1-393 a.a) and having a molecular mass of 47.4kDa. HPD is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

4-hydroxyphenylpyruvate dioxygenase, 4-hydroxyphenylpyruvic acid oxidase, 4HPPD, HPD, HPPDase, F Alloantigen, F protein.

Formulation:

HPD protein solution (0.5mg/ml) contains 10% glycerol & 20mM Tris-HCl (pH 8.0).

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMTTYNNK GPKPERGRFL HFHSVTFWVG NAKQAASFYC NKMGEPLAY
RGLETGSREV VSHVIKQGKI VFLCSALNP WNKEMGDHLV KHGDGVKDIA FEVEDCDHIV QKARERGAKI
VREPWVEQDK FGKVKFAVLQ TYGDTTHTLV EKINYTGRFL PGFEPTYKD TLLPKLPRCN LEIIDHIVGN
QPDQEMQSAS EWYLKNLQFH RFWSVDDTQV HTEYSSLRSI VVTNYEESIK MPINEPAPGR KKSQIQEYVD
YNGGAGVQHI ALKTEDIITA IRHLRERGTE FLAAPSSYYK LLRENLSAK IQVKESMDVL EELHILVDYD
EKGYLLQIFT KPMQDRPTLF LEVIQRHNSHQ GFGAGNFNSL FKAFAEEQAL RGNLTDLEPN GVRSGM.