

Human HPD Recombinant Protein



RPPB1823

Product Information Protein Information

Product SKU:

RPPB1823

Accession:

P32754

Host:

Escherichia Coli.

Protein description:

HPD produced in E.Coli is a single, non-glycosylated polypeptide chain containing 413 amino acids (1-393a.a.) and having a molecular mass of 47kDa. HPD is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

4HPPD, GLOD3, 4-HPPD, PPD, HPPDase, Glyoxalase Domain Containing 3, 4-Hydroxyphenylpyruvate Dioxygenase.

Formulation:

The HPD protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 50mM NaCl and 20% glycerol.

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 MTTYSKDGAK PERGRFLHFH SVTFWVGNAK QAASFYCSKM GFEPLAYRGL
ETGSREVVSH VIKQGKIVFV LSSALNPWNK EMGDHLVKHG DGVKDIAFEV EDCDYIVQKA RERGAKIMRE
PWVEQDKFGK VKFAVLQTYG DTHTLVEKM NYIGQFLPGY EAPAFMDPLL PKLPKCSLEM IDHIVGNQPD
QEMVSASEWY LKNLQFHRFW SVDDTQVHTE YSSLRSIVVA NYEESIKMPI NEPAPGKKKS QIQEYVDYNG
GAGVQHIALK TEDIITAIRH LRERGLEFLS VPSTYYKQLR EKLKTAKIKV KENIDALEEL KILVDYDEKG YLLQIFTKPV
QDRPTLFLEV IQRHNSHQGFG AGNFNSLFKA FEEEQNLRGN LTNMETNGVV PGM