9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6807: HPD Mouse

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

Description

Source: Escherichia Coli.
Sterile Filtered clear solution.
HPGD is the essential enzyme of prostaglandin degradation. 15-PGDH protein strongly decreases the biologic activity of these molecules by catalyzing the oxidation of the 15-hydroxyl group of prostaglandins to a keto group. GDH1 is involved in numerous physiologic and cellular processes, for instance inflammation.
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.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	HPD protein solution (0.5mg/ml) contains 10% glycerol & 20mM Tris-HCl (pH 8.0).
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSMTTYNNK GPKPERGRFL HFHSVTFWVG NAKQAASFYC NKMGFEPLAY RGLETGSREV VSHVIKQGKI VFVLCSALNP WNKEMGDHLV KHGDGVKDIA FEVEDCDHIV QKARERGAKI VREPWVEQDK FGKVKFAVLQ TYGDTTHTLV EKINYTGRFL PGFEAPTYKD TLLPKLPRCN LEIIDHIVGN QPDQEMQSAS EWYLKNLQFH RFWSVDDTQV HTEYSSLRSI VVTNYEESIK MPINEPAPGR KKSQIQEYVD YNGGAGVQHI ALKTEDIITA IRHLRERGTE FLAAPSSYYK LLRENLKSAK IQVKESMDVL EELHILVDYD EKGYLLQIFT KPMQDRPTLF LEVIQRHNHQ GFGAGNFNSL FKAFEEEQAL RGNLTDLEPN GVRSGM.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.