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32-2926: UROD Recombinant Protein

Alternative Name : UPD,PCT,EC 4.1.1.37,URO-D,UROD,Uroporphyrinogen Decarboxylase.

Description

Source : Escherichia Coli. UROD Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 387 amino acids (1-367 a.a.) and having a molecular mass of 43 kDa. The UROD is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. UROD is the fifth enzyme in the human heme biosynthetic pathway and is in charge for the transfer of uroporphyrinogen to coproporphyrinogen through the deletion of four carboxymethyl side chains. UROD Mutations and deficiency result in 3 autosomal disorders in humans: familial porphyria cutanea tarda (f-PCT), sporadic porphyria cutanea tarda (s-PCT) and hepatoerythropoietic porphyria (HEP).

Product Info

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	UROD Human solution containing 20mM Trsi pH-8, 1mM DTT, 0.1M NaCl, 1mM EDTA & 20% glycerol.
Storage condition :	UROD Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MEANGLGPQG FPELKNDTFL RAAWGEETDY TPVWCMRQAG RYLPEFRETR AAQDFFSTCR SPEACCELTL QPLRRFPLDA AIIFSDILVV PQALGMEVTM VPGKGPSFPE PLREEQDLER LRDPEVVASE LGYVFQAITL TRQRLAGRVP LIGFAGAPWT LMTYMVEGGG SSTMAQAKRW LYQRPQASHQ LLRILTDALV PYLVGQVVAG AQALQLFESH AGHLGPQLFN KFALPYIRDV AKQVKARLRE AGLAPVPMII FAKDGHFALE ELAQAGYEVV GLDWTVAPKK ARECVGKTVT LQVNLDPCAL YASEEEIGQL VKQMLDDFGP HRYIANLGHG LYPDMDPEHV GAFVDAVHKH SRLLRQN.

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