

Human IYD Recombinant Protein



RPPB1854

Product Information Protein Information

Product SKU:

RPPB1854

Accession:

Q6PHW0

Host:

Escherichia Coli.

Protein description:

IYD Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 214 amino acids (24-214 a.a) and having a molecular mass of 25.1kDa.IYD is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Iodotyrosine dehalogenase 1, IYD-1, Iodotyrosine Deiodinase, IYD, C6orf71, DEHAL1, iodotyrosine dehalogenase 1 isoform 3, dJ422F24.1, TDH4.

Formulation:

IYD protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

Purity:

Greater than 90.0% 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 MGSDRSMEKK KGEPRTRAEA RPWVDEDLKD SSDLHQAEED ADEWQESEEN
VEHIPFSNH YPEKEMVKRS QEFYELLNKR RSVRFISNEQ VPMEVIDNVI RTAGTAPSGA HTEPWTFVVV
KDPDVKHKIR KIIEEEEIN YMKRMGHRWV TDLKLRNTW IKEYLDTAPI LILIFKQVHG FAANGKKKVH YYNE.