

Human RDH12 Recombinant Protein



RPPB2241

Product Information Protein Information

Product SKU:

RPPB2241

Accession:

Q96NR8

Host:

E.coli.

Protein description:

RDH12 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 303 amino acids (39-316) and having a molecular mass of 33.5kDa. RDH12 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Retinol dehydrogenase 12 (all-trans/9-cis/11-cis), LCA3, LCA13, SDR7C2, All-trans and 9-cis retinol dehydrogenase, short chain dehydrogenase/reductase family 7C, member 2, FLJ30273, EC 1.1.1.100.

Formulation:

The RDH12 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 40% 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 MGSHMGKVVV ITGANTGIGK ETARELASRG ARVYIACRDV LKGESAASEI
RVDTKNSQVL VRKLDLSDTK SIRAFAGFL AEEKQLHILI NNAGVMMCPY SKTADGFETH LGVNHLGHFL
LTYLLLERLK VSAPARVVNV SVAHHIGKI PFHDLQSEKR YSRGFAYCHS KLANVLFTR E LAKRLQGTGV
TTYAVHPGVV RSELVRHSSL LCLLWRLFSP FVKTAREGAQ TSLHCALEAG LEPLSGKYFS DCKRTWVSPR
ARNNKTAERL WNVSCCELLGI RWE