

RPPB4163

Product Information Protein Information

Product SKU:

RPPB4163

Accession:

Q9UBM4

Host:

Escherichia Coli.

Protein description:

OPTC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 336 amino acids (20-332 a.a) and having a molecular mass of 37.6kDa. OPTC is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Opticin, Oculoglycan, OPT.

Formulation:

OPTC protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.

Purity:

Greater than 85% 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 SSSLVPRGSH MGSASLPRKE RKRREEQMPR EGDSFEVLPL RNDVLNPDNY GEVIDLSNYE
ELTDYGDQLP EVKVTSLAPA TSISPAKSTT APGTPSSNPT MTRPTTAGLL LSSQPNHGLP TCLVCVCLGS
SVYCCDDILE DIPPLPRRTA YLYARFNRI RIRAEDFKGL TKLKRIDLSN NLISSIDNDA FRLHALQDL
ILPENQLEAL PVLPSGIEFL DVRLNRLQSS GIQPAAFRAM EKLQFLYLSL NLLDSIPGPL PLSLSRVHLQ
NNLIETMQRD VFCDPEEHKH TRRQLEDIRL DGNPINLSLF PSAYFCLPRL PIGRFT.