

Human BTD Recombinant Protein



RPPB1445

Product Information Protein Information

Product SKU:

RPPB1445

Accession:

P43251

Host:

Sf9, Baculovirus cells.

Protein description:

BTD Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 510 amino acids (44-545a.a) and having a molecular mass of 57.8kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). BTD is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Biotinidase, EC 3.5.1.12, Biotinase, EC 3.5.1.

Formulation:

BTD protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) 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:

AHTGEESVAD HHEAEYYVAA VYEHPSILSL NPLALISRQE ALELMNQNLID IYEQQVMTAA QKDQVQIIVFP
EDGIHGFNFT RTSIYPFLDF MPSPQVVRWN PCLEPHRFND TEVLQRLSCM AIRGDMFLVA NLGTKEPCHS
SDPRCPKDGR YQFNTNVVFS NNGTLVDRYR KHNLYFEAAF DVPLKVDLIT FDTPFAGRFG IFTCFDILFF
DPAIRVLRDY KVKHVVYPTA WMNQLPLLA IEIQKAFVA FGINVLAANV HHPVLGMTGS GIHTPLESFW
YHDMENPKSH LIIAQVAKNP VGLIGAENAT GETDPSHSKF LKILSGDPYC EKDAQEVHCD EATKWNVNAP
PTFHSEMMYD NFTLVPVWGK EGYLHVCSNG LCCYLLYERP TLSKELYALG VFDGLHTVHG TTYIQVCALV
RCGGLGFDTC GQEITEATGI FEFHLWGNFS TSYIFPLFLT SGMTELEVPDQ LGWENDHYFL RKSRLSSGLV
TAALYGRLYE RDLEHHHHHH.