

Biotinidase Human Recombinant

Item Number	rAP-1373
Synonyms	Biotinidase, EC 3.5.1.12, Biotinase, EC 3.5.1.
Description	BTB 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).
Uniprot Accession Number	P43251
Amino Acid Sequence	AHTGEESVAD HHEAEYYVAA VYEHPISLSL NPLALISRQE ALELMNQNLN IYEQQVMTAA QKDVQIIVFP EDGIHGFNFT RTSIYPFLDF MPSPQVVRWN PCLEPHRFND TEVLQRLSCM AIRGDMFLVA NLGTKEPCHS SDPRCPKDGR YQFNTNVVFS NNGTLVDRYR KHNLYFEAAF DVPLKVDLIT FDTPFAGRFG IFTCFDILFF DPAIRVLRDY KVKHVVYPTA WMNQLPLLA IEIQKAFABA FGINVLAANV HHPVLGMTGS GIHTPLESFW YHDMENPKSH LIAQVAKNP VGLIGAENAT GETDPSHSKF LKILSGDPYC EKDAQEVHCD EATKWNVNAP PTFHSEMMYD
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	BTB protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**