

RPPB3723

Product Information Protein Information

Product SKU:

RPPB3723

Accession:

P21815

Host:

Sf9, Baculovirus cells.

Protein description:

IBSP produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 309 amino acids (17-317aa) and having a molecular mass of 34.5kDa (Migrates at 70-100kDa on SDS-PAGE under reducing conditions). IBSP is expressed with a 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Integrin Binding Sialoprotein, Integrin-Binding Sialoprotein, Bone Sialoprotein II, Cell-Binding Sialoprotein, BSP II , BNSP, Bone Sialoprotein, BSP-II, SP-II, BSP.

Formulation:

IBSP protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4), 10% glycerol and 0.1mM PMSF.

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:

FSMKNLHRRV KIEDSEENG V FKYP RRYLY KHAYFYPHLK RFPVQGSSDS SEENGDDSS EEEEEETS N
EGENNEESNE DEDSEAENTT LSATTLGYGE DATPGTGYTG LAAILPKKA GDITNKATKE KESDEEEEE
EEGNENESE AEVDENEQGI NGTSTNSTEA ENGNSSGGD NGEEGEEESV TGANAEDTTE TGRQKGKTSK
TTTSPNGGFE PTPPQVYRT TSPFGKTTT VEYEGEYET GANEYDNGYE IYSENGEPR GDNYRAYEDE
YSYFKGQGYD GYDGQNYHH QLEHHHHHH.