

Mouse BGN Recombinant Protein



RPPB2888

Product Information Protein Information

Product SKU:

RPPB2888

Accession:

P28653

Host:

Sf9, Insect cells.

Protein description:

BGN produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 574 amino acids (38-369 a.a.) and having a molecular mass of 64.6kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). BGN is expressed with a 242 hlgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

BGN, DSPG1, MRLS, PG-S1, PGI, SEMDX, SLRR1A, Biglycan, Bone/cartilage proteoglycan I, Biglycan Proteoglycan, MRLS.

Formulation:

The BGN solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

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:

ADPDEEASGS DTTSGVPDL D SVTPTFSAMC PFGCHCHLRV VQCSDLGLKT VPKEISPD TT LLDLQNNDIS
ELRKDDFKGL QHLYALVLVN NKISKIHEKA FSPLRKLQKL YISKNHLEI PPNLPSSLVE LRIHDNRIRK
VPKGVFSGLR NMNCIEMGGN PLENSGFEPG AFDGLKLNLYRISEAKLTGI PKDLPETLNE LHL DHNKIQA
IELEDLLRYS KLYRLGLGHN QIRMIENGSL SFLPTLRELH LDNNKLSRVP AGLPDLKLLQ VVYLHNNIT
KVGINDFCPM GFGVKRAYYN GISLFNNPVP YWEVQPATFR CVTDRLAIQF GNYKKLEPKS CDKTHTCPPC
PAPELLGGPSVFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST
YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSRDELT KNQVSLTCLV
KGFYPSDIAV EWESNGQPEN NYKTPPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK
SLSLSPGKHH HHHH.