

RPPB2886

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## Product Information    Protein Information

**Product SKU:**

RPPB2886

**Accession:**

P21810

**Host:**

E.coli.

**Protein description:**

BGN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 352 amino acids (38-368a.a) and having a molecular mass of 39.5kDa. BGN is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

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

**Formulation:**

BGN protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.

**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 SGLVPRGSH MDEEASGADT SGVLDPDSVT PTYSAMCPFG CHCHLRVVQC SDLGLKSVPK  
EISPDITLLD LQNNDISELR KDDFKGLQHL YALVLVNNKI SKIHEKAFSP LRKLQKLYIS KNHLVEIPP  
LPSSLVELRI HDNRIRKVPK GVFSGLRNMN CIEMGGNPLE NSGFEPGAFD GLKLNLYLRIS EAKLTGIPKD  
LPETLNELHL DHNKIQAIEL EDLLRYSKLY RLGLGHNQIR MIENGSLFL PTLRELHLDN NKLARVPSGL  
PDLKLLQVVY LHSNNITKVG VNDFCPMGFG VKRAYYNGIS LFNNPVPYWE VQPATFRCVT DRLAIQFGNY KK.