

PMF1-BGLAP, 1-211aa, Human, His tag, E.coli

Cat.NO.: TP03440

3th Edition

Synonyms:PMF1-BGLAP protein isoform 2, PMF1-BGLAP readthrough

Description:This locus represents naturally occurring read-through transcription between the neighboring PMF1 (polyamine-modulated factor 1) and BGLAP (bone gamma-carboxyglutamate Gla protein) genes on chromosome 1. Alternative splicing results in multiple transcript variants encoding isoforms that share sequence identity with the upstream gene product, but they contain distinct C-termini due to frameshifts versus the downstream gene coding sequence. Recombinant human PMF1-BGLAP protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:26.2 kDa(234aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMMAEASSANLGSGCEEKRHEGSSSESVPPGTTISRVKLLDTMVDTFLQKLVA
AGSYQRFTDCYKCFYQLQPAMTQQIYDKFIAQLQTSIREEISDIKEEGNLEAVLNALDKIVEEGKVRKEPAWRPSGIP
EKDLHSVMAPYFLQQRDTLRRHVQKQEAENQQLADAVLAGRRQVEELQLQVQAQQQAWQVRSPAVQSPAQVQP
LCPSRRAAR

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.