Product Data Sheet

Product Name:	PMF1-BGLAP Human
Cat. No.:	GP24198
Batch No.:	1

Product Data

Purity	>98%	Source	Escherichia Coli.
Phycical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PMF1-BGLAP Readthrough; PMF1-BGLAP Protein; Polyamine-Modulated Factor 1; PMF1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAEASSA NLGSGCEEKR HEGSSSESVP PGTTISRVKL LDTMVDTFLQ KLVAAGSYQR FTDCYKCFYQ LQPAMTQQIY DKFIAQLQTS IREEISDIKE EGNLEAVLNA LDKIVEEGKV RKEPAWRPSG IPEKDLHSVM APYFLQQRDT LRRHVQKQEA ENQQLADAVL AGRRQVEELQ LQVQAQQQAW QVRSPAVQSP AKVQPLCPSR RAAR		
Formulation	PMF1-BGLAP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

PMF1-BGLAP is a locus which represents naturally occurring read-through transcription between the neighboring polyamine-modulated factor 1 (PMF1) and bone gamma-carboxyglutamate Gla protein (BGLAP) genes on chromosome 1. There are multiple transcript variants encoding isoforms as a results of alternative splicing which share sequence identity with the upstream gene product, but they have a different C-termini because of frameshifts as opposed to the downstream gene coding sequence.

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.

Background

PMF1-BGLAP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 234 amino acids (1-211aa) and having a molecular mass of

26.2kDa.