
Product Data Sheet

Product Name: BUD31 Human
 Cat. No.: GP22908
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	BUD31 homolog (S. cerevisiae); Cwc14; EDG-2; EDG2; fSAP17; G10; YCR063W; Protein G10 homolog.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPKVKRS RKAPPDGWEL IEPTLDELQ KMREAETEPH EGKRKVESLW PIFRIHHQKT RYIFDLFYKR KAISRELYEY CIKEGYADKN LIAKWKKQGY ENLCLRCIQ TRDTNFGTNC ICRVPSKLE VGRIIECTHC GCRGCSG.		
Formulation	BUD31 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT.		

Introduction

BUD31 is a member of the BUD31 (G10) family. BUD31 is a nuclear protein which contains a putative nuclear translocation sequence, an N-terminal acidic domain and a cysteine-rich C-terminal domain containing a putative Zinc-finger structure. Based on the structure of BUD31 it is suggested that BUD31 might be a nuclear regulator of transcription.

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

BUD31 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 167 amino acids (1-144 a.a.) and having a molecular mass of 19.4kDa. BUD31 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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