
Product Data Sheet

Product Name: FAM50A Human
 Cat. No.: GP23467
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	9F; DXS9928E; HXC-26; HXC26; XAP5; XAP-5.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSTTKRKL GKNPDVDTSF LPDRDREEEE NRLREELRQE WEAKQEKIKS EEIEITFSYW DGSGHRRTVK MRKGNTMQQF LQKALEILRK DFSELSAGV EQLMYIKEDL IIPHHHSFYD FIVTKARGKS GPLFNFDVHD DVRLLSDATV EKDESHAGKV VLRSWYEKKNK HIFPASRWEP YDPEKKWDKY TIR.		
Formulation	FAM50A protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

Introduction

FAM50A is a member of the FAM50 family. FAM50A is highly conserved in length and sequence among numerous species. FAM50A is a basic protein comprised of a nuclear localization signal, and can function as a DNA-binding protein or a transcriptional factor. FAM50A expressed in all tissues mainly abundant in fetal brain, liver and kidney. High levels of FAM50A were observed in the adult's skeletal muscle, spleen, thymus, prostate and the small intestine.

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

FAM50A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 213 amino acids (150-339 a.a.) and having a molecular mass of 25.2kDa. FAM50A is fused to a 23 amino acid His-tag at N-terminus & purified by

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

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proprietary chromatographic techniques.

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