
Product Data Sheet

Product Name: B9D1 Human
 Cat. No.: GP22826
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	B9 Protein Domain 1; MKSR1; Endothelial Precursor ProteinB9; MKS1-Related Protein 1; MKS9; B9 Domain-Containing Protein 1; EPPB9; B9; B9domain-containing protein 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMATASPS VFLLMVNGQV ESAQFPEYDD LYCKYCFVYG QDWAPTAGLEEGISQITSKS QDVRQALVWN FPIDVTFKST NPYGWPQIVL SVYGPDVFGN DVVRGYGAVH VPFSPGRHKRTIPMFVPEST SKLQKFTSWF MGRRPEYTDK KVAQGEQREVTRVRSQGFV TLLFNVTKD MRKLG YDTGP SDTQGV LGPS PPQSFPQ.		
Formulation	B9D1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

Introduction

B9 domain-containing protein (B9D1) is one of the numerous proteins which take part in ciliogenesis. Alterations in expression of B9D1 have been found in a family with Meckel syndrome. The Meckel syndrome has been associated with at least six different genes. B9D1 is placed within the Smith-Magenis syndrome region on chromosome 17. Three alternatively spliced transcript variants which encoded dissimilar proteins have been found for B9D1.

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

B9D1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

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

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chain containing 227 amino acids (1-204 a.a) and having a molecular mass of 25.2kDa. B9D1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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