

AR51623PU-S

Human B9D1 (1-204, His-tag) - Purified

Alternate names:

B9 domain-containing protein 1, EPPB9

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

BpD1 is a B9 domain-containing protein, one of several that are involved in ciliogenesis. Alterations in expression of this gene have been found in a family with Meckel syndrome. Meckel syndrome has been associated with at least six different genes. This gene is located within the Smith-Magenis syndrome region on chromosome 17. Three alternatively spliced transcript variants that encode different proteins have been described for this gene.

Uniprot ID:

[Q9UPM9](#)

NCBI:

[NP_056496](#)

GeneID:

[27077](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

Description:

Recombinant human B9D1 protein, used to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMATASPS VFLLMVNGQV ESAQFPEYDD LYCKYCFVYG
QDWAPTAGLE EGISQITSKS QDVRQALVWN FPIDVTFKST NPYGWPQIVL SVYGPDVFGN
DVVRGYGAVH VPFSPGRHKKR TIPMFVPEST SKLQKFTSWF MGRRPEYTDK KVVAQGEGR
VTRVRSQGFV TLLFNVVTKD MRKLG YDTGP SDTQGV LGPS PPQSFPQ

Molecular weight: 25.2 kDa (227aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Hopp K., et al (2011). Hum. Mol. Genet. 20:2524-2534 Bialas N.J., et al (2009). J. Cell Sci. 122:611-624

Pictures:

