

Recombinant Full Length Human FAM111B Protein, GST-tagged

Cat. No. FAM111B-4470HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FAM111B full-length ORF (ADR83393.1, 1 a.a. - 734 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	734 amino acids
Description	This gene encodes a protein with a trypsin-like cysteine/serine peptidase domain in the C-terminus. Mutations in this gene are associated with an autosomal dominant form of hereditary fibrosing poikiloderma (HFP). Affected individuals display mottled pigmentation, telangiectasia, epidermal atrophy, tendon contractures, and progressive pulmonary fibrosis. Alternative splicing results in multiple transcript variants encoding distinct isoforms. A paralog of this gene which also has a trypsin-like peptidase domain, FAM111A, is located only 16 kb from this gene on human chromosome 11q12.1. [provided by RefSeq, Apr 2014]
Molecular Mass	80.8 kDa
AA Sequence	MNSMKTEENKSFSAMEDDQRTTRPEVSKDTVMKQTHADTPVDHCLSGIRKCSSTFK LKSEVNKHETALEMQNPNNKECCFTFTLNGNSRKLD RSVFTAYGKPSESIYSALS ANDYFSERIKNQFNKNIIVYEEKTIDGHINLGMPLKCLPSDSHFKITFGQRKSSKEDGH

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ILRQCENPNMECILFHVVAIGRTRKKIVKINELHEKGSKLKIYALKGETIEGALCKDGRF
 RSDIGEFEWKLKEGHKKIYGKQSMVDEVSGKVLEMDISKKKALQQKDIHKKIKQNES
 ATDEINHQSILQSKKKVHKPKKDGETKDVEHSREQILPPQDLSHYIKDKTRQTIPRIRN
 YYFCSLPRKYRQINSQVRRRPHLGRRYAINLDVQKEAINLLKNYQTLNEAIMHQYPN
 FKEEAQWVRKYFREEQKRMNLSPAKQFNIYKKDFGKMTANSVSVATCEQLTYYSKS
 VGFMQWDNNGNTGNATCFVFNGGYIFTCRHVHLMVGKNTHPSLWPDIIISKCAKVT
 FTYTEFCPTPDNWFSIEPWLVKVSNNLDYAILKLKENGNAFPGLWRQISPQPSTGLI
 YLIGHPEGQIKKIDGCTVIPLNERLKKYPNDCQDGLVDLYDTTSNVYCMFTQRSFLSE
 VWNTHTLSYDTCFSDGSSGSPVFNASGKLVALHTFGLFYQRGFNVHALIEFGYSMD
 SILCDIKKTNESLYKSLNDEKLETYDEEKGKQESSLQDHQIEPMEC

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

FAM111B family with sequence similarity 111, member B [Homo sapiens]

Official Symbol

FAM111B

Synonyms

FAM111B; family with sequence similarity 111, member B; protein FAM111B; CANP;
 cancer-associated nucleoprotein;

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Gene ID	374393
mRNA Refseq	NM_001142703
Protein Refseq	NP_001136175
MIM	615584
UniProt ID	Q6SJ93

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