Recombinant Human FAM111B Protein, GST-tagged

Cat. No. FAM111B-3675H **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	Wheat Germ
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	MNSMKTEENKSFSAMEDDQRTRPEVSKDTVMKQTHADTPVDHCLSGIRKCSSTFK LKSEVNKHETALEMQNPNLNNKECCFTFTLNGNSRKLDRSVFTAYGKPSESIYSALS ANDYFSERIKNQFNKNIIVYEEKTIDGHINLGMPLKCLPSDSHFKITFGQRKSSKEDGH ILRQCENPNMECILFHVVAIGRTRKKIVKINELHEKGSKLCIYALKGETIEGALCKDGRF RSDIGEFEWKLKEGHKKIYGKQSMVDEVSGKVLEMDISKKKALQQKDIHKKIKQNES ATDEINHQSLIQSKKKVHKPKKDGETKDVEHSREQILPPQDLSHYIKDKTRQTIPRIRN

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	YYFCSLPRKYRQINSQVRRRPHLGRRYAINLDVQKEAINLLKNYQTLNEAIMHQYPN FKEEAQWVRKYFREEQKRMNLSPAKQFNIYKKDFGKMTANSVSVATCEQLTYYSKS VGFMQWDNNGNTGNATCFVFNGGYIFTCRHVVHLMVGKNTHPSLWPDIISKCAKVT FTYTEFCPTPDNWFSIEPWLKVSNENLDYAILKLKENGNAFPPGLWRQISPQPSTGLI 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;
Gene ID	374393
mRNA Refseq	NM_001142703

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Protein Refseq	NP_001136175
MIM	615584
UniProt ID	Q6SJ93

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