

Recombinant Full Length Human FAM161A Protein, GST-tagged

Cat. No. FAM161A-4525HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FAM161A full-length ORF (CAL37420.1, 1 a.a. - 660 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	660 amino acids
Description	This gene belongs to the FAM161 family. It is expressed mainly in the retina. Mouse studies suggested that this gene is involved in development of retinal progenitors during embryogenesis, and that its activity is restricted to mature photoreceptors after birth. Mutations in this gene cause autosomal recessive retinitis pigmentosa-28. Alternatively spliced transcript variants have been identified.[provided by RefSeq, Jan 2011]
Molecular Mass	99 kDa
AA Sequence	MATSHRVAKLVASSLQTPVNPITGARVAQYEREDPLKALAAAEAILEDDEEEKVAQP AGASADLNTSFSGVDEHAPISYEDFVNFPDIHHSNEEYFKKVEEMKAAHMETMAKLE KMYQDKLHLKEVQPVVIREDSLSRSSVSEKNSYHPVSLMTSFSEPD LGQSSSLY VSSSEELPNLEKEYPRKNRMMTYAKELINNMWTD FCVEDYIRCKDTGFHAAEKRR KKRKEWVPTITVPEPFQMMIREQKKKEESMKSKSDIEMVHKALKKQEEDPEYKKKF RANVPASVFLPLYHDLVKQKGERRRSLKEKSKEALLASQKPFKFIAREEQKRAARE

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KQLRDFLKYYKKKTNRFKARPIPRSTYGSTTNDKLKEEELYRNLRTQLRAQEHLQNSS
 PLPCRSACGCRNPRCPEQAVKLKCKHKVRCPTPDFEDLPERYQKHLSEHKSPKLLT
 VCKPFDLHASPHASIKREKILADIEADEENLKETRWPYLSPRRKSPVRCAGVNPVPC
 NCNPPVPTVSSRGREQAVRKSEKERMREYQRGLEEREKLLKKRPLLFERVAQKNA
 RMAAEKHYSNTLKGALGISDEFVSKKGQGGKVLEYFNNQETKSVTEDKESFNEEEEKIE
 ERENGEENYFIDTNSQDSYKEKDEANEESEEEKSVEESH

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

FAM161A family with sequence similarity 161, member A [Homo sapiens]

Official Symbol

FAM161A

Synonyms

FAM161A; family with sequence similarity 161, member A; retinitis pigmentosa 28 (autosomal recessive) , RP28; protein FAM161A; FLJ13305; retinitis pigmentosa 28 (autosomal recessive); RP28; MGC129982; MGC129983;

Gene ID

84140

mRNA Refseq

NM_001201543

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Protein Refseq	NP_001188472
MIM	613596
UniProt ID	Q3B820

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