

Recombinant Human FAM161A Protein, GST-tagged

Cat. No. FAM161A-3714H **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	Wheat Germ
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 KMYQDKLHLKEVQPVVIREDSLSDSSRSVSEKNSYHPVSLMTSFSEPD LGQSSSLY VSSSEEELPNLEKEYPRKNRM MTYAKELINNMWTD FCVEDYIRCKDTGFHAAEKRR KKRKEWVPTITVPEPFQMMIREQKKKEESMKSKSDIEMVHKALKKKQEEDPEYKKKF RANPVPASVFLPLYHDLVKQKGERRRSLKEKSKEALLASQKPFKFIAREEQKRAARE KQLRDFLKYKKKTNRFKARPIPRSTYGSTTNDKLKEEELYRNLR TQLRAQEHLQNSS PLPCRSACGCRNPRCPEQAVKLKCKHKVRCPTPDFEDLPERYQKHLSEHKSPKLLT

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VCKPFDLHASPHASIKREKILADIEADEENLKETRWPYLSPPRKSPVRCAGVNPVPC
 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
Protein Refseq	NP_001188472

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MIM	613596
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UniProt ID	Q3B820
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