

## Recombinant Human FAM161A Protein, GST-tagged

**Cat. No.** FAM161A-3714H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human FAM161A full-length ORF ( CAL37420.1, 1 a.a. - 660 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	99 kDa
<b>AA Sequence</b>	MATSHRVAKLVASSLQTPVNPITGARVAQYEREDPLKALAAAEAILEDDEEEEKVAQP AGASADLNTSFSGVDEHAPISYEDFVNFPDIHHSNEEYFKKVEEMKAAHMETMAKLE KMYQDKLHLKEVQPVVIREDSLSDSSRSVSEKNSYHPVSLMTSFSEPD LGQSSSLY VSSSEEELPNLEKEYPRKNRMPTYAKELINNMWTD FCVEDYIRCKDTGFHAAEKRR KKRKEWVPTITVPEPFQMMIREQKKKEESMSKSDIEMVHKALKKQEEDPEYKKKF RANPVPASVFLPLYHDLVKQKGERRRSLKEKSKEALLASQKPFKFIAREEQKRAARE KQLRDFLKYKKKTNRFKARPIRSTYGSTTNDKLKEEELYRNLRTQLRAQEHLQNSS PLPCRSACGCRNPRCPEQAVKCLKCHKVRCPTPDFEDLPERYQKHLSEHKSPKLLT

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VCKPFDLHASPHASIKREKILADIEADEENLKETRWPYLSPRRKSPVRCAGVNPVPC  
 NCNPPVPTVSSRGREQAVRKSEKERMREYQRGLEEREKLLKRPLLFERVAQKNA  
 RMAAEKHYSNTLKGALGISDEFVSKKGQGGKVLEYFNNQETKSVTEDKESFNEEEEKIE  
 ERENGEENYFIDTNSQDSYKEKDEANEESEEEKSVEESH

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	FAM161A family with sequence similarity 161, member A [ Homo sapiens ]
<b>Official Symbol</b>	FAM161A
<b>Synonyms</b>	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;
<b>Gene ID</b>	84140
<b>mRNA Refseq</b>	NM_001201543
<b>Protein Refseq</b>	NP_001188472

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<b>MIM</b>	613596
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<b>UniProt ID</b>	Q3B820
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