

Recombinant Human FHL5 Protein, GST-His-tagged

Cat. No. FHL5-542H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FHL5, transcript variant 1, fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is coordinately expressed with activator of cAMP-responsive element modulator (CREM). It is associated with CREM and confers a powerful transcriptional activation function. CREM acts as a transcription factor essential for the differentiation of spermatids into mature spermatozoa. There are multiple polyadenylation sites found in this gene. Polymorphisms in this gene may be associated with susceptibility for migraine headaches. Alternative splicing results in multiple transcript variants encoding the same protein.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	58.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	FHL5 four and a half LIM domains 5 [Homo sapiens]
Official Symbol	FHL5
Synonyms	FHL5; four and a half LIM domains 5; four and a half LIM domains protein 5; ACT; dJ393D12.2; FLJ33049; FHL-5; 1700027G07Rik; LIM protein ACT; activator of CREM in testis; activator of cAMP-responsive element modulator in testis; activator of cAMP-responsive element modulator (CREM) in testis; RP3-393D12.2; KIAA0776;
Gene ID	9457
mRNA Refseq	NM_001170807
Protein Refseq	NP_001164278
MIM	605126
UniProt ID	Q5TD97

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