

# Recombinant Human FHL5 Protein, GST-tagged

**Cat. No.** FHL5-4165H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FHL5 full-length ORF ( AAH21723, 1 a.a. - 284 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | 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. [provided by RefSeq] |
| <b>Molecular Mass</b>   | 56.98 kDa                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MTTAHFYCQYCTASLLGKKYVLKDDSPYCVTCYDRVFSNYCEECKKPIESDSKDLCKYKDRHWHEGCFKCTKCNHSLVEKPFAAKDERLLCTECYSNECSSKCFHCKRTIMPGSRKMEFKGNYWHETCFVCENCRQPIGTKPLISKESGNYCVPCFEKEFAHYCNFCKKVITSGGITFCDDLWHKECFKLCSDCRKDLCEEQFMSRDDYPFCMDCYNHLYANKCVA<br>CSKPISGLTGAKFICFQDSQWHSECFNCGKCSVSLVGKGFLLTQNKEIFCQKCGSGM<br>DTDI                                                                                                      |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                                                                                             |

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### 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

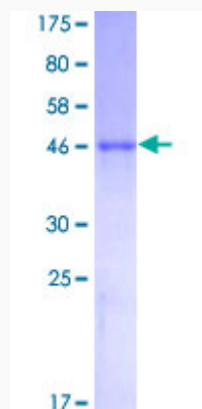
|                        |                                                                                                                                                                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FHL5 four and a half LIM domains 5 [ Homo sapiens ]                                                                                                                                                                                                                                                                           |
| <b>Official Symbol</b> | FHL5                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 9457                                                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_001170807                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_001164278                                                                                                                                                                                                                                                                                                                  |
| <b>MIM</b>             | 605126                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID</b>      | Q5TD97                                                                                                                                                                                                                                                                                                                        |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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