

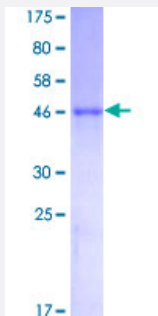
Full-Length

FHL5 (Human) Recombinant Protein (P01)

Catalog # H00009457-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FHL5 full-length ORF (AAH21723, 1 a.a. - 284 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTTAHFYCQYCTASLLGKKYVLKDDSPYCVTCYDRVFSNYCEECKKPIESDSKDL CYKDRHWHE
GCFKCTKCNHSLVEKPFAAKDERLLCTECYSNECSSKCFHCKRTIMPGSRKMEFKGNYWHETC
FVCENCRQPIGTKPLISKESGNYCVPCFEKEFAHYCNFCKKVITSGGITFC DQLWHKECFLCSDC
RKDLCEEQFMSRDDYPFCMDCYNHLYANKCVACSKPISGLTGAKFICFQDSQWHSECFNCGKC
SVSLVGKGFLTQNKEIFCQKCGSGMDTDI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.98

Interspecies Antigen Sequence

Mouse (85); Rat (86)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FHL5

Entrez GeneID[9457](#)**GeneBank Accession#**[BC021723](#)**Protein Accession#**[AAH21723](#)**Gene Name**

FHL5

Gene Alias

ACT, FLJ33049, KIAA0776, RP3-393D12.2, dJ393D12.2

Gene Description

four and a half LIM domains 5

Omim ID[605126](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

1700027G07Rik|LIM protein ACT|OTTHUMP00000016879|activator of cAMP-responsive element modulator (CREM) in testis

Disease

- [Alzheimer disease](#)
- [Azoospermia](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Oligospermia](#)