

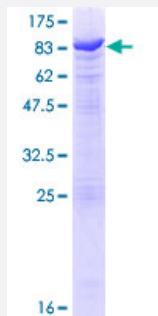
Full-Length

TH1L (Human) Recombinant Protein (P01)

Catalog # H00051497-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TH1L full-length ORF (NP_945327.1, 1 a.a. - 590 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGAVPGAIMDEDYYGSAAEWGDEADGGQQEDDSGEGEDDAEVQQECLHKFSTRDYIMEPSIF
NTLKRYFQAGGSPENVIQLLSENYTAVAQTVNLLAEWLIQTGVEPVQVQETVENHLKSLLIKHFDP
RKADSIFTEEGETPAWLEQMIHTTWRDLFYKLAEAHPDCLMLNFTVKLISDAGYQGEITSVSTAC
QQLEVFSRVLRTSLATILDGGEENLEKNLPEFAKMVCHGEHTYLFAQAMMSVLAQEEQGGSAVR
RIAQEVQRFAQEKGHDASQITLALGTAASYPRACQALGAMLSKGALNPADITVLFKMFTSMDPPP
VELIRVPAFLDLFMQSLFKPGARINQDHHKHYHILAYAASVVETWKKNKRVSKDELKSTSKAVE
TVHNLCCNENKGASELVAELSTLYQCIRFPVAMGVWKVVDWTVSEPRYFQLQTDHTPVHLALL
DEISTCHQLLHPQVLQLLVKLFETEHSQLDVMEQLELKKTLTDRMVHLLSRGYVLPVVSIRKCLE
KLDTDISLIRYFVTEVLDVIAPPYTSDFVQLFLPILENDISIAGTIKTEGEHDPVTEFIAHCKSNFIMVN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

92.6

Interspecies Antigen Sequence

Mouse (97); Rat (97)

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 — TH1L

Entrez GeneID	51497
GeneBank Accession#	NM_198976.1
Protein Accession#	NP_945327.1
Gene Name	TH1L
Gene Alias	HSPC130, NELF-C, NELF-D, TH1
Gene Description	TH1-like (Drosophila)
Omim ID	605297
Gene Ontology	Hyperlink
Gene Summary	The NELF complex of proteins interacts with the DSIF protein complex to repress transcriptional elongation by RNA polymerase II. The protein encoded by this gene is an essential part of the NELF complex. Alternative translation initiation site usage results in the formation of two isoforms with different N-termini. [provided by RefSeq]
Other Designations	OTTHUMP00000031415 TH1 drosophila homolog TH1-like protein negative elongation factor proteins C and D

Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)