

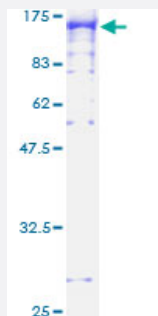
Full-Length

TTK (Human) Recombinant Protein (P01)

Catalog # H00007272-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TTK full-length ORF (AAH32858, 1 a.a. - 857 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MESEDLSGRELTIDSIMNKVRDIKNKFNEDLTDELSLNKISADTTDNSGTVNQIMMMANNPEDWL
SLLLKLEKNSVPLSDALLNKLIGRYSQAIEALPPDKYQGNESFARIQVRFAELKAIQEPDDARDYFQ
MARANCKKFAFVHISFAQFELSQGNVKKSKQLLQKAVERGAVPLEMLEIALRNLNLQKKQLLSEE
EKKNLSASTVLTAQESFSGSLGHLQNRNNSCDSRGQTTKARFLYGENMPPQDAEIGYRNSLRQT
NKTKQSCPFGRVPVNLLNSPDCDVKTDDSVVPCFMKRQTSRSECRDLVVPGSKPSGNDSCEL
RNLKSVQNSHFKEPLVSDSEKSELIITDSITLKNKTESSLLAKLEETKEYQEPEVPESNQKQWQSK
RKSECINQNPAASSNHWQIPELARKVNTEQKHTTFEQPVFSVSKQSPPISTSKWFDPKSICKTPS
SNTLDDYMSCFRTPVVKNDFFPACQLSTPYGQPACFQQQHQILATPLQNLQVLASSANECISV
KGRIYSILKQIGSGGSSKVFQVLNEKKQYAIKYVNLEEADNQTLDSYRNEIAYLNKLQQHSDKIIRLYD
YEITDQYIMVMECGNIDLNSWLKKKSIDPWERKSYWKNMLEAVHTIHQHGIVHSDLKPANFLVD
GMLKLIDFGIANQMOPDTSVVKDSQVGTVNYMPPEAIKDMSSSRENGKSKSKISPKSDVWSLG
CILYMTYGKTPFQQIINQISKLHAIDPNHEIEFPDIPEKDLQDVLKCCCLKRDPKQRISIPELLAHPYVQ
IQTHPVNQMAKGTTTEEMKYVLGQLVGLNSPNSILKAAKTLYEHYSGGESHNSSSSKTFEKKRGKK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

120.01

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 — TTK

Entrez GeneID	7272
GeneBank Accession#	BC032858
Protein Accession#	AAH32858
Gene Name	TTK
Gene Alias	ESK, FLJ38280, MPS1, MPS1L1, PYT
Gene Description	TTK protein kinase
Omim ID	604092
Gene Ontology	Hyperlink
Other Designations	phosphotyrosine picked threonine kinase (PYT)

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)