

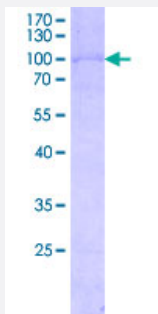
Full-Length

TXK (Human) Recombinant Protein (P01)

Catalog # H00007294-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TXK full-length ORF (AAI66632.1, 1 a.a. - 527 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MILSSYNTIQSVFCCCCCSVQKRQMRTQISLSTDEELPEKYTQRRRPWLSQLSNKKQSNTGRVQ
PSKRKPLPPLPPSEVAEEKIQVKALYDFLPREPCNLALRRAEYLILEKYNPHWWKARDRLGNEG
LIPSNYVTENKITNLEIYEWYHRNITRNQAEHLLRQESKEGAFVRDSRHLGSYTISVFMGARRSTE
AIKHYQIKKNDGQWYVAERHAFQSIPELWYHQHNAAGLMTRLRYPVGLMGSCLPATAGFSYEK
WEIDPSELAFIKEIGSGQFGVVHLGEWRSHIQVAIKAINEGSMSEEDFIEEAKVMMKLSHSLVQLY
GVCIRKPLYIVTEFMENGCLLNLYRENKGKLRKEMLLSVCQDICEGMEYLERNGYIHRDLAARNC
LVSSCIVKISDFGMTRYVLDDEYVSSFGAKFPIKWPPEVFLFNKYSSKSDVWSFGVLMWEVFT
EGKMPFENKSNLQVVEAISEGFRLYRPHLAPMSIYEMVWSCWHEKPEGRPTFAELLRAVTEIAET
W

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

84.4

Interspecies Antigen Sequence

Mouse (83); Rat (82)

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 — TXK

Entrez GeneID	7294
GeneBank Accession#	BC166632.1
Protein Accession#	AA166632.1
Gene Name	TXK
Gene Alias	BTKL, MGC22473, PSCTK5, PTK4, RLK, TKL
Gene Description	TXK tyrosine kinase
Omim ID	600058
Gene Ontology	Hyperlink
Other Designations	PTK4 protein tyrosine kinase 4 tyrosine kinase

Pathway

- [Leukocyte transendothelial migration](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)