

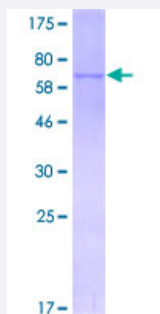
Full-Length

STYK1 (Human) Recombinant Protein (P01)

Catalog # H00055359-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human STYK1 full-length ORF (NP_060893.1, 1 a.a. - 422 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGMTRMLLECSLSDKLCVIEKQYEVIVPTLLVTIFLILLGVILWLFIREQRTQQQRSGPQGIAPVPP
PRDLSWEAGHGGNVALPLKETSVENFLGATTPALAKLQVPREQLSEVLEQICSGSGPIFRANM
NTGDPSKPKSVILKALKEPAGLHEVQDFLGRIQFHQYLGKHKNLVQLEGCCTEKLPLYMVLEDVA
QGDLGFLWTCRRDVTMDGLLYDLTEKQVYHIGKQVLLALEFLQEKHLFHGDVAARNILMQSDL
TAKLCGLGLAYEVYTRGAISSTQTIPLKWLAPERLLLRPASIRADVWSFGILLYEMVTLGAPPYPEV
PPTSILEHLQRRKIMKRPSSTHTMYSIMKSCWRWREADRPSRELRLRLEAAIKTADDEAVLQV
PELVVPELYAAVAGIRVESLFYNYSML

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.9

Interspecies Antigen Sequence

Mouse (77)

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 — STYK1

Entrez GeneID	55359
GeneBank Accession#	NM_018423.1
Protein Accession#	NP_060893.1
Gene Name	STYK1
Gene Alias	DKFZp761P1010, NOK, SuRTK106
Gene Description	serine/threonine/tyrosine kinase 1
Omim ID	611433
Gene Ontology	Hyperlink
Gene Summary	Receptor protein tyrosine kinases, like STYK1, play important roles in diverse cellular and developmental processes, such as cell proliferation, differentiation, and survival (Liu et al., 2004 [PubMed 15150103]).[supplied by OMIM]
Other Designations	protein kinase STYK1

Disease

- [Kidney Failure](#)
- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)
- [Tobacco Use Disorder](#)