

Product datasheet for TP523377

Styk1 (NM_172891) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serine/threonine/tyrosine kinase 1 (Styk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223377 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGEKGHLSRVLLECSLSDKLCWREKQYEVIIVPALLVGGFLILLAILWLFIRGQRSQRQSPGPRGTAS VPASRGRSQEAAGHGKVLPLKETSVEGFLRAATPRLAKLQVPREQLLEVLQIHSGSCGTLYHATMTA KDHPKPKSVLKALEDVGLQEVQDFIGRIQFYQYLGKHKNLVQLEGCCTERLPLYMMLEDVVPGDLLSF LWTCRRDVMTMDGLLYDLTEKQIYHIGKQILLALEFLQEKHLFHGDVAARNILIQSDLTPKLCHLGLAYE VHAHGAISSARSSTIPLKWLAPERLLL RPASIRGDIWSFGILLYEMVTLGAPPYPEVPPTSILQYLQRKK IMKRPSSCSHAMYNIMKCCWRWSEDSRPLLGLLQRLEAASRSADDKAVLQVPELVPELYADVAGIRAE SISYSFVL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	48.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_766479
Locus ID:	243659



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UniProt ID: [Q6J9G1](#)

RefSeq Size: 3378

Cytogenetics: 6 F3

RefSeq ORF: 1290

Synonyms: 9130025L13; A1326477; Nok

Summary: Probable tyrosine protein-kinase, which has strong transforming capabilities on a variety of cell lines including NIH 3T3 fibroblasts and on athymic nude mice. When overexpressed, it can also induce tumor cell invasion as well as metastasis in distant organs. May act by activating both MAP kinase and phosphatidylinositol 3'-kinases (PI3K) pathways.[UniProtKB/Swiss-Prot Function]