

Product datasheet for TP520805

Stk10 (NM_009288) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serine/threonine kinase 10 (Stk10), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220805 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAFANFRILRLSTFEKRKSREYEHVRRDLDPNDVWEIVGELGDGAFGKVKAKNKETGALAAAKVIETK SEEELEDYIVEIEILATCDHPYIVKLLGAYYYDGLWIMIEFCPPGAVDAIMLELDRGLTEPQIQVVCRRQ MLEALNFLHGKRRIHRDLKAGNVLMTLEGDRLADFGVSAKNLKTQLKRDSFIGTPYWMapevVLCETMK DAPYDYKADIWVSLGITLIEMAQIEPPHHELNPMPVLLKIAKSDPPTLLTPSKWSVEFRDFLKIALDKNPE TRPSAAQLLQHPFVSRVTSNKALRELVAEAKAEVMEEIEDGREDGEEEDAVDAVPLVNHTQDSANVTQP SLDSNKLLQDSSTPLPPSQPQEPVNGPCSQPSGDGGLQTTSPADGLSKNDNDLKVPVPLRKSRLSMDAR IQMDEEKQIPDQDENPSPAASKSQKANQSRPNSSALETGGEALTNGGLELPSSVTPSHSKRASDCSNLS TSESMDYGTSLADLSLNKETGSLSLKGSKLHNKTLKRTRRFVVDGVEVSIITTSKIISEDEKKDEEMRFL RRQELRELRLLQKEEHRNQTQLSSKHELQLEQMHRFEQEINAKKKFYDVELENLERQQKQVEKMEQDH SVRRKEEAKRIRLEQDRDYAKFQEQLKQMKKEVKSEVEKLPQQQRKESMKQKMEEHSQKKQLRDRDFVAK QKEDLELAMRKLTTENRREICDKERDCLSKKQELLRDREAALWEMEEHQLQERHQLVKQQLKDQYFLQRH DLLRKHEKEREQMQRYNQRMMEQLKVRQQEQEKARLPKIQRSDGKTRMAMYKSLHINGAGSASEQREKIK QFSQQEKRQKAERLQQQKHENQMRDMVAQCESNMSELQQLQNEKCHLLVEHETQKLKALDESHNQSLK EWRDKLRPRKKALEEDLNQKKREQEMFFKLSEEAEPRTTPSKASNFFPYSSGDAS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	111.9 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



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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_033314
Locus ID:	20868
UniProt ID:	Q55098 , A1A553
RefSeq Size:	5082
Cytogenetics:	11 A4
RefSeq ORF:	2901
Synonyms:	Gek1; L; Lok; mKIAA4026
Summary:	This gene encodes a member of the Ste20 family of serine/threonine protein kinases, and is similar to several known polo-like kinase kinases. Mice deficient for this gene product are viable, but exhibit altered integrin-mediated lymphocyte adhesion characteristics. The orthologous gene product in humans can associate with and phosphorylate polo-like kinase 1, and overexpression of a kinase-dead version of the protein interferes with normal cell cycle progression. [provided by RefSeq, Jul 2008]