

Product datasheet for **TP306910L**

STK33 (NM_030906) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human serine/threonine kinase 33 (STK33), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC206910 protein sequence
Red=Cloning site **Green**=Tags(s)

MADSGLDKKSTKCPDCSSASQKDVLCVCSSTRVPPVLWEMSQTSIGSAESLISLERKKEKNINRDIT
SRKDLPSRTSNVERKASQQQWGRGNFTEGKVPHIRIENGAAIEEYTFGRILGKGSFGIVIEATDKETET
KWAIKVNKEKAGSSAVKLLEREVNILKSVKHEHIIHLEQVFETPKKMYLVMELCEDGELKEILDRKGHF
SENETRWIIQSLASAIAYLHNNNDIVHRDLKLENIMVKSSLIDDNNEINLNKIVTDFGLAVKKQSRSEAML
QATCGTPIYMAPEVISAHDYSQQCDIWSIGVVMYMLLRGEPPLASSEEKLFELIRKGLHFENAVWNSI
SDCAKSVLKQLMKVDPAHRITAKELLDNQWLTGNKLSSVRPTNVLEMMKEWKNNPESVEENTTEEKNKPS
TEELKSYQPWGNVPETNYTSDEEEEKQSTTYEKQFPATSKDNFDMCSSFTSSKLLPAEIKGEMEKTPV
TPSQGTATKYPKSGALSRTKKKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 57.7 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_112168](#)

Locus ID: 65975

UniProt ID: [Q9BYT3](#)

RefSeq Size: 2764

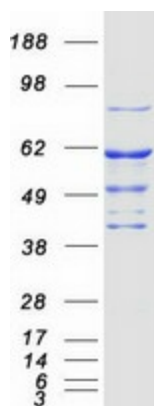
Cytogenetics: 11p15.4

RefSeq ORF: 1542

Summary: Serine/threonine protein kinase which phosphorylates VIME. May play a specific role in the dynamic behavior of the intermediate filament cytoskeleton by phosphorylation of VIME (By similarity). Not essential for the survival of KRAS-dependent AML cell lines.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified STK33 protein (Cat# [TP306910]). The protein was produced from HEK293T cells transfected with STK33 cDNA clone (Cat# [RC206910]) using MegaTran 2.0 (Cat# [TT210002]).