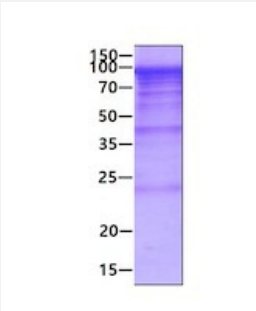


Full-Length

EEF2K (Human) Recombinant Protein

Catalog # P7688 Size 100 ug

Applications



SDS-PAGE analysis of EEF2K (Human) Recombinant Protein

Specification

Product Description	Human EEF2K (NP_037434.1, 1 a.a. - 725 a.a) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHSSGLVPRGSHMGSMADLIFRLEGVDGGQSPRAGHDGSDGSDSDEEGYFI CPITDDPSSNQNVNSKVNKYNSLTKSERYSSSGSPANSFHFKEAWKHAIQKAKHMPDPWAEFH LEDIATERATRHRYNAVTGEWLDDEVLIKMASQPFGRGAMRECFR TKKLSNFLHAQQWKGASNY VAKRYIEPVD RDVYFEDVRLQMEAKLWGEEYNRHKPPKQVDIMQMCIELKDRPGKPLFHLEHYIE GKYIKYNSNSGFVRDDNIRLTPQAFSHFTFERSGHLVVDIQGVGDLYTDPQIHTETGTDFGDGNL GVRGMALFFYSHACNRICESMGLAPFDLSPRERDAVNQNTKLLQSAKTILRGTEEKCGSPRVRTL SGSRPPLLRLSENSGDENMSDVTFDLSLPSSPSATPHSQKLDHLHWPVFSLDNMMASRDHDH LDNHRESENSGDSGYPSEKRGELDDPEPREHGHSSYNSRKYESDEDSLGSGRVCVEKWLLN SSRLHLPRASAVALEVQRLNALDLEKKIGKSILGKVHLAMVRYHEGGRFCEKGEEWDQESAVFH LEHAANLGELEAVGLGLMYSQ LPHILADVSLKET EENKTGFDYLLKAAEAGDRQSMILVARAF DSGQNLSPDRCQDWLEALHWYNTALEMTDCDEGGEYDGMQDEPRYMMLAREAEMLFTGGYGL EKDPQRSGDLYTQAAEAAMEAMKGR LANQYYQKAE EAWAQMEE
Host	Escherichia coli
Theoretical MW (kDa)	84.59999999999999
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system

Concentration	0.25mg/mL
Purity	> 85% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of EEF2K (Human) Recombinant Protein
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — EEF2K

Entrez GeneID	29904
Protein Accession#	O00418
Gene Name	EEF2K
Gene Alias	HSU93850, MGC45041, eEF-2K
Gene Description	eukaryotic elongation factor-2 kinase
Omim ID	606968
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a highly conserved protein kinase in the calmodulin-mediated signaling pathway that links activation of cell surface receptors to cell division. This kinase is involved in the regulation of protein synthesis. It phosphorylates eukaryotic elongation factor 2 (EEF2) and thus inhibits the EEF2 function. The activity of this kinase is increased in many cancers and may be a valid target for anti-cancer treatment. [provided by RefSeq]
Other Designations	calcium/calmodulin-dependent eukaryotic elongation factor-2 kinase calmodulin-dependent protein kinase III eEF-2 kinase elongation factor-2 kinase

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)