

Product datasheet for **TP509525**

Keap1 (NM_001110307) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse kelch-like ECH-associated protein 1 (Keap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209525 protein sequence Red =Cloning site Green =Tags(s)
	<p>MQPEPKLSGAPRSSQFLPLWSKCPEGAGDAVMYASTECKAEVTPSQDGNRTFSYTLLEDHTKQAFGVMNEL RLSQQLCDVTLQVKYEDIPAAQFMAHKVVLASSSPVFKAMFTNGLREQGMEVVSIEGIHPKVMERLIEFA YTASISVGEKCVLHVMNGAVMYQIDSVVRACSDFLVQQLDPSNAIGIANFAEQIGCTELHQRAREIYMH FGEVAKQEEFFNLSHCQLATLISRDDLNVRCSEVFAHACIDWVKYDCPQRRFYVQALLRAVRCHALTPRF LQTQLQKCEILQADARCKDYLVQIFQELTLHKPTQAVPCRAPKVGRLIYTAGGYFRQSLSYLEAYNPSNG SWLRLADLQVPRSLAGCVVGGLLYAVGGRNNSPDGNTDSSALDCYNPMTNQWSPCASMSVPRNRIGVGV IDGHIYAVGGSHGCIHHSSVERYEPERDEWHLVAPMLTRRIGVAVLNRLLYAVGGFDGTNRLNSAECY YPERNEWRMITPMNTIRSGAGVCVLHNCIYAAGGYDGDQLNSVERYDVETETWTFVAPMRHRSALGIT VHQGKIYVLGGYDGHFTFLDSVECYDPDSDTWSEVTRMTSGRSGVGVAVTMEPCRKQIDQQNCTC</p> <p>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	69.6 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.



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RefSeq: [NP_001103777](#)

Locus ID: 50868

UniProt ID: [Q9Z2X8](#)

RefSeq Size: 3151

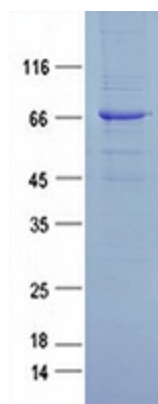
Cytogenetics: 9 A3

RefSeq ORF: 1875

Synonyms: INRF2; mKIAA0132

Summary: Acts as a substrate adapter protein for the E3 ubiquitin ligase complex formed by CUL3 and RBX1 and targets NFE2L2/NRF2 for ubiquitination and degradation by the proteasome, thus resulting in the suppression of its transcriptional activity and the repression of antioxidant response element-mediated detoxifying enzyme gene expression. Retains NFE2L2/NRF2 and may also retain BPTF in the cytosol. Targets PGAM5 for ubiquitination and degradation by the proteasome (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Keap1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.