

Product datasheet for **TP314610L**

RIC8 (RIC8B) (NM_018157) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human resistance to inhibitors of cholinesterase 8 homolog B (C. elegans) (RIC8B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214610 representing NM_018157 Red =Cloning site Green =Tags(s)

MDEERALYIVRAGEAGAIERVLRDYSDKHRATFKFESTDEDKRRKKLCEGIFKVLIKDIPTTCQVSCLEVL
RILSRDKKVLPVTTKENMQILLRLAKLNELDDSLKSEFPVIVESLKCLCNIVFNSQMAQQLSLELNL
AAKLCNLLRKCKDRKFINDIKCFDLRLLFLLSLLHTDIRSQLRYELQGLPLLTQILESAFSIKWTD EYES
AIDHNGPPLSPQETDCAIEALKALFNVTVDSWKVHKESSHQFRVMAAVLRHCLLIVGPTEDKTEELHSN
AVNLLSNVPVSCLDVLCPLTHEETAQEATTLDELPSNKTAEKETVLKNNTMVYNGMNM EAIHVLLNFME
KRIDKGSSYREGLTPVLSLLTECSRAHRNIRKFLKDQVLPPLRDVTNRPEVGSTVRNKLVRMLTHVDLGV
KQIAAEFLFVLCCKERVDSLLKYTYGNAAGLLAARGLLAGGRGDNWYSEDEDTDTEEYKNAKPKEELLKP
MGLKPDGTITPLEEALNQYSVIEETSSD TD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

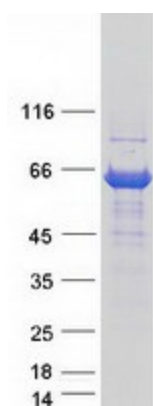
Tag:	C-Myc/DDK
Predicted MW:	58.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_060627
Locus ID:	55188
UniProt ID:	Q9NVN3
RefSeq Size:	4989
Cytogenetics:	12q23.3
RefSeq ORF:	1560
Synonyms:	hSyn; RIC8
Summary:	Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins by exchanging bound GDP for free GTP. Able to potentiate G(olf)-alpha-dependent cAMP accumulation suggesting that it may be an important component for odorant signal transduction.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RIC8B protein (Cat# [TP314610]). The protein was produced from HEK293T cells transfected with RIC8B cDNA clone (Cat# [RC214610]) using MegaTran 2.0 (Cat# [TT210002]).