

## Product datasheet for **TP314610**

### **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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214610 representing NM_018157 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDEERALYIVRAGEAGAIERVLVDYSDKHRATFKFESTDEDKRRKKLCEGIFKVLIKDIPTTCQVSCLEVL  
RILSRDKKVLPVTTKENMQILLRLAKLNELDDSLKVFVIVESLKCLCNIVFNSQMAQQLSLELNL  
AAKLCNLLRKCKDRKFINDIKCFDLRLLFLLSLLHTDIRSQLRYELQGLPLLTQILESAFSIKWTD EYES  
AIDHNGPPLSPQETDCAIEALKALFNVTVDSWKVHKESSHQFRVMAAVLRHCLLIVGPTEDKTEELHSN  
AVNLLSNVPVSCLDVLICPLTHEETAQEATTLDELPSNKTAEKETVLKNNTMVYNGMNM EAIHVLLNFME  
KRIDKGSSYREGLTPVLSLLTECSRAHRNIRKFLKDQVLPPLRDVTNRPEVGSTVRNKLVRMLTHVDLGV  
KQIAAEFLFVLCCKERVDSLLKYTYGNAAGLLAARGLLAGGRGDNWYSEDEDTDTEEYKNAKPKEELLKP  
MGLKPDGTITPLEEALNQYSVIEETSSD TD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

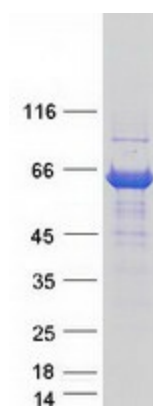
Tag:	C-Myc/DDK
Predicted MW:	58.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060627</a>
<b>Locus ID:</b>	55188
<b>UniProt ID:</b>	<a href="#">Q9NVN3</a>
<b>RefSeq Size:</b>	4989
<b>Cytogenetics:</b>	12q23.3
<b>RefSeq ORF:</b>	1560
<b>Synonyms:</b>	hSyn; RIC8
<b>Summary:</b>	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]).