

## Product datasheet for **TP508878**

### Ric8b (NM\_183172) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RIC8 guanine nucleotide exchange factor B (Ric8b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208878 representing NM_183172 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDEERALYIVRAGEAGAIERVLVDYSDKHRATFKFESADEDKRKKLCEGIFKVLVKEVPTTCQVSCLEVL  
RILSRDKKILVPVTTKENMQILLRLAKLHESDDSLEKVSEFPVIVESLKCLCNIVFNSQMAQQLSLELNL  
AAKLCNLLRKCKDRKFINDIKCFDLRLLFVLSLLHTDIRSQLRYELQGLPLLTQILESAFSIKWTDEYES  
AIDHNGPPLSPQETDCAIEALKALFNVTVDSWKVVHKESSHQFRVMAAVLRHCLLIVGPTEDKTEELHSN  
AVNLLSNVPVSCLDVLICPLTHEETAQEAATLDELPSDKTTEKDTALKNSTMVYNGMNMEDIAHVLLNFME  
KRIDKGSSYREGLTPVLSLLTECSRAHRNIRKFLKDQVLPPLRDVTNRPEVGSTVRNKLVRMLTHVDLGV  
KQIAAEFLFVLCKERVDSLLKYTYGNAAGLLAARGLLAGGRGDNWYSEDEDTDTEEYKNAKPNINLITG  
HLEEMPMPNPIDEMTEEQKEYEAMKLVNMLDKLSREELLKPMGLKPDGTITPLEEALSQYSVIEETSSDTD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	63.4 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.
RefSeq:	<u><a href="#">NP_898995</a></u>



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Locus ID: 237422

UniProt ID: [Q80XE1](#)

RefSeq Size: 5017

Cytogenetics: 10 C1

RefSeq ORF: 1680

Synonyms: BC051080; Ric-8; Ric-8b

**Summary:** Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins by exchanging bound GDP for free GTP (By similarity). 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]