

## Product datasheet for TP502465

### Mrps34 (NM\_023260) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mitochondrial ribosomal protein S34 (Mrps34), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202465 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MARKKVRPRLIAELARRVRALREQRNQPRDSQLYALDYETLTRPHSGRRLLPVRWADVRRESRLQLLAR  
LPLFGLGRLVTRKSWLWQHDEPCYWRLTRVRPDYTAQNLDHGRAWGILTFKGKSEDTAREIEQVMYHDWR  
LVPKHEEEAFTAFTAKPEDRLNSVPYPPLLRAMILAERQKNGDTSVQEPLLNLERTRMRPWDYPAKQETK  
GRAKGPV

**SGP**TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	25.8 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_075749</a></u>
Locus ID:	79044
UniProt ID:	<u><a href="#">Q9JIK9</a></u>
RefSeq Size:	899



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**Cytogenetics:** 17 A3.3

**RefSeq ORF:** 657

**Synonyms:** 0610007F04Rik; 5330430D13Rik; AV001970; Tce2

**Summary:** Required for mitochondrial translation, plays a role in maintaining the stability of the small ribosomal subunit and the 12S rRNA that are required for mitoribosome formation.  
[UniProtKB/Swiss-Prot Function]