

Product datasheet for **TP508024**

Gsr (NM_010344) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutathione reductase (Gsr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208024 representing NM_010344 Red =Cloning site Green =Tags(s)

MALLPRALGVGAAPSLRRAARALTCAMASPGEPQPPAPDTSSFDYLVIGGGSGGLASARRAAELGARAAV
VESHKLGTCVNVGCVPKVMWNTAVHSEFMHDHVDYGFQSCGKFSWHVIKQKRDAYVSRNLNTIYQNNL
TKSHIEIHHGYATFADGPRPTVEVNGKKFTAPHILIATGGVPTVPHESQIPGASLGITSDGFFQLEDLPS
RSVIVGAGYIAVEIAGILSALGSKTSLMIRHDKVLRNFDSLISNCTEELNAGVEVLKFTQVKEVKKTS
SGLELQVWTSVPGRKPTTMMIPDVDCLLWAIGRDPNSKGLNLNKVGIQTDEKGHILVDEFQNTNVKGVYA
VGDVCGKALLTPVAIAAGRKLAHRLFECKQDSKLDYDNIPTVWFSPPIGTVGLTEDEAVHKYGKDNVKI
YSTAFTPMYHAVTTRKTKCVMKMCANKEEKVVGIIHQGIGCDEMQLQGFVAVKMGATKADFNTVAIHP
TSSEELVTLR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	53.7 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:	NP_034474



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Locus ID: 14782

UniProt ID: [P47791](#)

RefSeq Size: 2692

Cytogenetics: 8 20.69 cM

RefSeq ORF: 1500

Synonyms: AI325518; D8Erttd238e; Gr-1; Gr1

Summary: Maintains high levels of reduced glutathione in the cytosol.[UniProtKB/Swiss-Prot Function]