

## Product datasheet for **TP504811**

### Grhpr (NM\_080289) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glyoxylate reductase/hydroxypyruvate reductase (Grhpr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204811 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MKPARLMKVFVTGPLPAEGRAALAQAADCEVEQWNSDDPIPRKDLEQGVVGAHGLLCRLSDRVDKKLLDA AGANLRVISTLSVGVVDHLALDEIKKRGIRVGYTPGVLTDATAELAVSLLTTCRRLPEAIEEVKNGGWSS WSPLWMCGYGLSQSTVGIVGLGRIGQAIARRLKPFQVQRFLYGRQPRPQEAEEFQAEFVPIAQLAAESD FIVVSCSLTPDTMGLCSKDFQKMKNTAIFINISRGDVWNQEDLYQALASGQIAAAGLDVTTPEPLPPSH PLLTLKNCVILPHIGSATYKTRNTMSLLAANNLLAGLRGEAMPSELK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	35.3 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:	<a href="#">NP_525028</a>
Locus ID:	76238
UniProt ID:	<a href="#">Q91Z53</a> , <a href="#">Q3T9Z2</a>



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RefSeq Size: 1253

Cytogenetics: 4 B1

RefSeq ORF: 987

Synonyms: 1110059D05Rik; 6430629L09Rik; Glxr

**Summary:** This gene encodes a member of the D-isomer specific 2-hydroxyacid dehydrogenase family of proteins. The encoded protein catalyzes three enzymatic reactions: the conversion of hydroxypyruvate to D-glycerate as well as the reverse reaction, and the conversion of glyoxylate to glycolate. Homozygous knockout mice exhibit elevated synthesis of oxalate and glycerate. [provided by RefSeq, Aug 2015]