

Active Recombinant Mouse Egfr protein, His-tagged, Low Endotoxin

Cat. No. Egfr-5224M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Egfr protein(Q01279)(25-647 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	25-647 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Mouse EGFR, His Tag captured on CM5 Chip via anti-his antibody can bind Mouse EGF, hFc Tag with an affinity constant of 3.98 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 70.40 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name Egfr epidermal growth factor receptor [*Mus musculus*]

Official Symbol Egfr

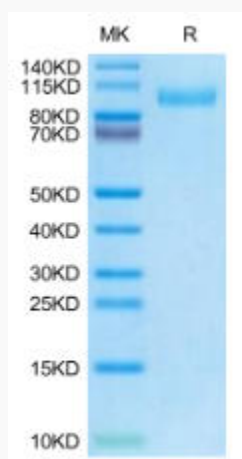
Synonyms EGFR; epidermal growth factor receptor; waved 2; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog; Wa5; wa2; Erbb; Errp; wa-2; A1552599; 9030024J15Rik;

Gene ID 13649

mRNA Refseq NM_007912

Protein Refseq NP_031938

Bis-Tris PAGE

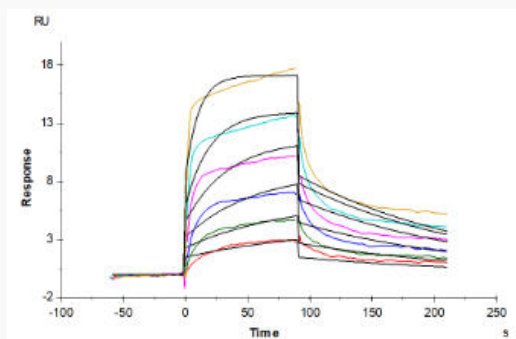


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SPR Data



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