Active Recombinant Mouse Folr2 Protein, His tagged

Cat. No. Folr2-32M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Folr2 Protein (Met-Ser227) with a C-terminal 6-His tag was expressed in Mouse myeloma cell line. N-terminal Sequence Analysis: Arg21
Species	Mouse
Source	NS0
ProteinLength	1-227 aa
Description	This gene encodes a receptor protein located on the plasma membrane that mediates folate uptake by cells. Mice lacking the product of this gene show no defects in embryonic development and grow normally into fertile adults. However, such mice were found to be highly susceptible to the teratogenic effects of arsenic. Alternate splicing of this gene results in multiple transcript variants.
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to bind Folic Acid-Bovine Serum Albumin with an estimated Kd < 1.6 nM.
Molecular Mass	25.1 kDa
Endotoxin	<0.01 EU/μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by

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	Coomassie Blue Staining.
Applications	Bioactivity
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 100 µg/mL in PBS.

GENE INFORMATION

Gene Name	Folr2 folate receptor 2 (fetal) [Mus musculus]
Official Symbol	Folr2
Synonyms	FOLR2; folate receptor 2 (fetal); folate receptor beta; FR-beta; folate binding protein 2; folate-binding protein 2; FBP2; FR-P3; Folbp2; Folbp-2
Gene ID	14276
mRNA Refseq	NM_008035
Protein Refseq	NP_032061
UniProt ID	Q05685

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