

Recombinant Full Length Mouse EIF2A Protein, Flag tagged

Cat. No. EIF2A-5074M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EIF2A full length protein with C-Flag tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-581 aa
Description	Predicted to enable RNA binding activity; ribosome binding activity; and translation initiation factor activity. Acts upstream of or within several processes, including SREBP signaling pathway; protein phosphorylation; and regulation of signal transduction. Predicted to be located in cytoplasm. Predicted to be part of cytosolic small ribosomal subunit and eukaryotic translation initiation factor 2 complex. Is expressed in several structures, including early conceptus; heart; lens; liver; and ovary. Orthologous to human EIF2A (eukaryotic translation initiation factor 2A).
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	68 kDa
Purity	> 85%
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 1 year from receipt of products under proper storage and handling conditions.
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Concentration	0.06 mg/mL
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GENE INFORMATION

Gene Name	Eif2a eukaryotic translation initiation factor 2A [Mus musculus]
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Official Symbol	Eif2a
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Synonyms	EIF2A; eukaryotic translation initiation factor 2A; eIF-2A; D030048D22; D3Ertd194e; MGC105246
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Gene ID	229317
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mRNA Refseq	NM_001005509
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Protein Refseq	NP_001005509
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UniProt ID	Q8BJW6
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