

Mouse EGF Recombinant Protein

Product Details

Size	100 µg
Species	Mouse
Published Species	Human, Mouse
Expression system	E. coli
Amino acid sequence	NSYPGCPSSY DGYCLNGGVC MHIESLDSYT CNCVIGYSGD RCQTRDLRWW ELR
Molecular weight	6 kDa
Class	Recombinant
Type	Protein
Purity	>95% by SDS-PAGE
Endotoxin concentration	<0.1 ng/µg
Activity	ED50 < 5 ng/mL; determined by the dose-dependent proliferation of BALB/c 3T3 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	5 Publications
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Carrier-Free

Reconstitution: Centrifuge the vial briefly, before opening to bring the contents to the bottom. Reconstitute the lyophilized protein in sterile PBS to a concentration of 0.1-1.0 mg/mL. Apportion the reconstituted protein into working aliquots and store at -20°C. Make any further dilutions of the reconstituted protein in aqueous buffers supplemented with carrier protein, such as 0.1-1.0% BSA.

Storage: Store the lyophilized protein at 2-8°C, preferably desiccated. Upon reconstitution, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles.

Functional Assay (5)

<p>STAR protocols</p> <p>Induction of granule and Purkinje cells from primary cultured mouse cerebellar progenitors.</p> <p>Authors: Zhang T,Liu T,Hassan BA</p>	<p>Year 2021</p> <p>Species Mouse</p> <p>Dilution 20 ng/mL</p>
<p>Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie</p> <p>A high-throughput screen identifies inhibitors of lung cancer stem cells.</p> <p>Authors: She X,Gao Y,Zhao Y,Yin Y,Dong Z</p>	<p>Year 2021</p> <p>Species Human</p> <p>Dilution 20 ng/mL</p>

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