

Recombinant Human Gremlin-2

CATALOG #:	4657-20	20 µg
	4657-100	100 µg
	4657-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	≥95% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of Gremlin-2	
MOL. WEIGHT:	17.2 kDa	
FORMULATION:	Lyophilized with no additives	

RECONSTITUTION:

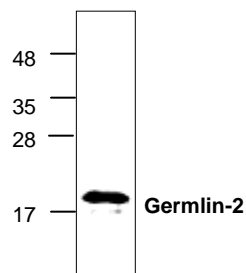
Centrifuge the vial prior to opening. Reconstitute to 1 mg/ml with sterilized dH₂O. Pipette to dissolve the protein pellet completely.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted protein should be stored at working aliquots at -20°C. Avoid freeze/thaw cycles.

DESCRIPTION:

Gremlin (also known as Increased in High Glucose Protein 2, IHG-2, Down-regulated in Mos-transformed cells protein, Dm) functions as a bone morphogenetic protein (BMP) antagonist. It acts by binding to, and forming heterodimers with BMP-2, BMP-4, BMP-7, thus preventing them from interacting with their cell surface receptors. Recombinant human Gremlin-2 is a N-terminus His-tagged protein that was expressed from *E. coli*.



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Purity of recombinant human Gremlin-2 (2 µg) was analyzed by SDS-PAGE electrophoresis.

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