

Gremlin 2, human recombinant protein**Gremlin 2****Catalog # PBV10348r****Specification**

Gremlin 2, human recombinant protein - Product info

Primary Accession

[Q9H772](#)

Calculated MW

17.2 kDa KDa**Gremlin 2, human recombinant protein - Additional Info**

Gene ID

64388

Gene Symbol

GREM2**Other Names**

Gremlin-2, Cysteine knot superfamily 1, BMP antagonist 2, Protein related to DAN and cerberus, DAN domain family member 3

Gene Source

Human

Source

E. coli

Assay&Purity

SDS-PAGE; ≥95%

Assay2&Purity2

HPLC; ≥95%

Recombinant

Yes**Application Notes**Reconstitute to 1 mg/ml with sterilized dH₂O. Pipette to dissolve the protein pellet completely**Format**

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives

Gremlin 2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Gremlin 2, human recombinant protein - Images**Gremlin 2, human recombinant protein - Background**

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.

Gremlin 2, human recombinant protein - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Gregory S.G., et al. Nature 441:315-321(2006).
Kato M., et al. Oncol. Rep. 12:423-427(2004).