

## Recombinant human MXD4 protein



Please contact the lab for more information

MEINSLIIILEAAEYLERRDREAEGHYASVLPFDGDF  
REKTKAAGLYRKAPNNRSSHNEELKRAKRLRYLEQL  
KQLVLPQDSTRHTTLLSLRKAKVHKIKKEELDRALS  
KEQVLQGEHRFLKRLREQLSVQSVERTDSTGSAVST  
DDSEQEVDIEGMEFGPGELDSVGSSDADHDYSLQS  
GTGGDSGFGPHCRLRLGPALS  
(1-209 aa encoded by BC608060)

## Reconstitution and Storage

Reconstitute at 0.25 µg/ µl in 200 µl sterile water for short-term storage.

After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

## Purity

85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

## Formulation

The purified protein was Lyophilized from sterile PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.

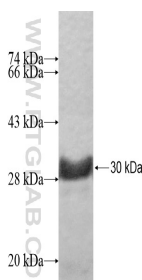
## Stability and Storage

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

## Storage of Reconstituted Protein

Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

## Selected Validation Data



W: [ptgcn.com](http://ptgcn.com)

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