

Human PGD protein, His tag (active)

Cat. No. GTX67113-pro

Applications Functional Assay**Species** Human**Package**

20 µg

Applications

Application Note

Specific activity is > 10 units/mg, in which one unit oxidize 1.0 µmole of 6-phospho-D-gluconate to D-ribulose 5-phosphate per minute at pH 8.0 at 25°C, in the presence of beta-NADP.

Properties

Form Liquid**Buffer** 20mM Tris-HCl, 100mM NaCl, 10% Glycerol, 1mM DTT**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

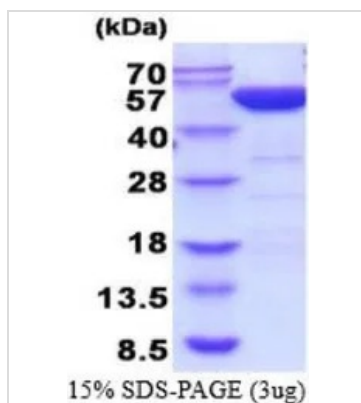
Full length protein, N-terminal His-Tag; Length: 503 a.a. Sequence: MGSSHHHHHH SGLVPRGSH MAQADIALIG LAVMGQNLIL NMNDHGFVVC AFNRTVSKVD DFLANEAKGT KVVGAQSLKE MVSKLKKPRR IILLVKAGQA VDDFIEKLVP LLDTGDIID GGNSEYRDTT RRCRDLKAKG ILFVGSGVSG GEGARYGPS LMPGGNKEAW PHIKTIFQGI AAKVGTGEP C CDWVGDEGAG HFVKMVHNGI EYGDMQLICE AYHLMKDV LG MAQDEMAQAF EDWNKTELD S FLIEITANIL KFQD TDGKHL LPKIRDSAGQ KGTGKWT AIS ALEYGVPVTL IGEAVFARCL SSLKDERIQA SKKLKGPQKF QFDGDKKSFL EDIRKALYAS KIISYAQGFM LLRQAATEFG WTLNYGGIAL MWRGGCIIRS VFLGKIKDAF DRNPELQNL L LDDFFKSAVE NCQDSWRR AV STGVQAGIPM PCFTTALSFY DGYRHEMLPA SLIQAQRDYF GAHTYELLA K PGQFIHTNWT GHGGTVSSSS YNA

Expression System E. coli**Purity** > 90% by SDS-PAGE.**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES



GTX67113-pro Image

3 μ g of GTX67113-pro Human PGD protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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