

Human GSNOR,ADH5 Recombinant protein (GST tag)



Catalog Number: 508455

General Information

Gene Name Synonym

EC 1.1.1.1; Alcohol dehydrogenase 5; Alcohol dehydrogenase class chi chain; Alcohol dehydrogenase class-III; Glutathione-dependent formaldehyde dehydrogenase; FALDH; FDH; GSH-FDH; EC 1.1.1.-; S-(hydroxymethylglutathione dehydrogenase; EC 1.1.1.284

Protein Construction

A DNA sequence encoding the human ADH5 (NP_000662.3) 1-374 aa was fused with the N-terminal GST tag

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Not tested.

Endotoxin

Please contact the lab for more information.

Stability

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

Formulation

Protein lyophilized in sterile PBS (58 mM Na₂HPO₄, 17 mM NaH₂PO₄, 68 mM NaCl, 100

mM GSH, pH 8.0). Trehalose (5-8%) and mannitol (5-8%) protectants were added before lyophilization.

Usage Guide

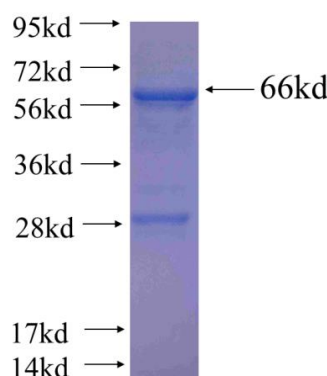
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer 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.

SDS-PAGE



Recombinant human GSNOR,ADH5(Full length)
SDS-PAGE