

Product datasheet for AR09657PU-N

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HPGD (1-266, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: HPGD (1-266, His-tag) human recombinant protein, 50 μg

Species: Human **Expression Host:** E. coli

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MHVNGKVALV TGAAQGIGRA FAEALLLKGA KVALVDWNLE or AA Sequence: AGVQCKAALD EQFEPQKTLF IQCDVADQQQ LRDTFRKVVD HFGRLDILVN NAGVNNEKNW

EKTLQINLVS VISGTYLGLD YMSKQNGGEG GIIINMSSLA GLMPVAQQPV YCASKHGIVG

FTRSAALAAN LMNSGVRLNA ICPGFVNTAI LESIEKEENM GQYIEYKDHI KDMIKYYGIL DPPLIANGLI

TLIEDDALNG AIMKITTSKG IHFQDYDTTP FQAKTQ

Tag: His-tag Predicted MW: 31.1 kDa Concentration: lot specific

Purity: >95% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT

Preparation: Liquid purified protein

Protein Description: Recombinant human HPGD protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 000851

3248 Locus ID:

UniProt ID: P15428 Cytogenetics: 4q34.1

Synonyms: 15-PGDH; PGDH; PGDH1; PHOAR1; SDR36C1





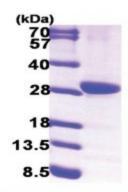
Summary:

This gene encodes a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. The encoded enzyme is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation. Mutations in this gene result in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

Protein Families:

Druggable Genome

Product images:



15% SDS-PAGE (3ug)