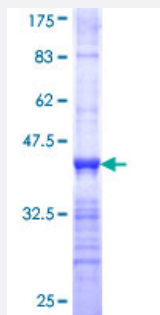


DKFZP586B1621 (Human) Recombinant Protein (Q01)

Catalog # H00026007-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DKFZP586B1621 partial ORF (NP_056348, 319 a.a. - 420 a.a.) recombinant protein with G ST-tag at N-terminal.
Sequence	VDEPLLKLIDAETTAAWPNVA AVSITGRKRSRVAPAEPQEAPDSTAAGGSASKRMALVLERVC STLLGLEEHLNALDRAAGDGDGCGTTHSRAARAIQEWLK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.96
Interspecies Antigen Sequence	Mouse (85); Rat (85)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DAK

Entrez GeneID [26007](#)

GeneBank Accession# [NM_015533](#)

Protein Accession# [NP_056348](#)

Gene Name DAK

Gene Alias DKFZp586B1621, MGC5621

Gene Description dihydroxyacetone kinase 2 homolog (S. cerevisiae)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cyclin FMN) from FAD. Several alternatively spliced transcript variants have been identified, but the full-length nature of only one has been determined. [provided by RefSeq]

Other Designations Dha kinase/FMN cyclase|dihydroxyacetone kinase 2|glycerone kinase

Pathway

- [Glycerolipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Kidney Failure](#)