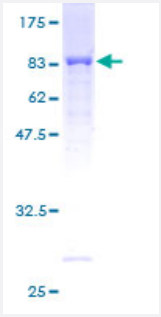
Full-Length

DKFZP586B1621 (Human) Recombinant Protein (P01)

Catalog # H00026007-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DKFZP586B1621 full-length ORF (AAH01341, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTSKKLVNSVAGCADDALAGLVACNPNLQLLQGHRVALRSDLDSLKGRVALLSGGGSGHEPAH AGFIGKGMLTGVIAGAVFTSPAVGSILAAIRAVAQAGTVGTLLIVKNYTGDRLNFGLAREQARAEGIP VEMVVIGDDSAFTVLKKAGRRGLCGTVLIHKVAGALAEAGVGLEEIAKQVNVVAKAMGTLGVSLS SCSVPGSKPTFELSADEVELGLGIHGEAGVRRIKMATADEIVKLMLDHMTNTTNASHVPVQPGSS VVMMVNNLGGLSFLELGIIADATVRSLEGRGVKIARALVGTFMSALEMPGISLTLLLVDEPLLKLIDA ETTAAAWPNVAAVSITGRKRSRVAPAEPQEAPDSTAAGGSASKRMALVLERACSTLLGLEEHLN ALDRAAGDGDCGTTRSRAARAIQEWLKEGPPPASPAQLLSKLSVLLLEKMGGSSGALYGLFLTA AAQPLKAKTSLPAWSAAMDAGLEAMQKYGKAAPGDRTMLDSLWAAGQELQAWKSPGADLLQV LTKAVKSAEAAAEATKNMEAGAGRASYISSARLEQPDPGAVAAAAILRAILEVLQS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	88.99
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#	BC001341
Protein Accession#	AAH01341
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