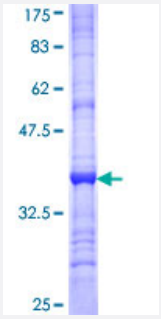
IKBKAP (Human) Recombinant Protein (Q01)

Catalog # H00008518-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IKBKAP partial ORF (NP_003631, 1242 a.a. - 1331 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VLFLFEFDEQGRELQKAFEDTLQLMERSLPEIWTLTYQQNSATPVLGPNSTANSIMASYQQQKTS VPVLDAELFIPPKINRRTQWKLSLL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (73); Rat (77)
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 — IKBKAP

Entrez GeneID	8518
GeneBank Accession#	NM_003640
Protein Accession#	NP_003631
Gene Name	IKBKAP
Gene Alias	DKFZp781H1425, DYS, ELP1, FD, FLJ12497, IKAP, IKI3, TOT1
Gene Description	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein
Omim ID	223900 603722
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a scaffold protein and a regulator for 3 different kinases involved in proinflammatory signaling. This encoded protein can bind NF-kappa-B-inducing kinase (NIK) and IKKs through separate domains and assemble them into an active kinase complex. Mutations in this gene have been associated with familial dysautonomia. [provided by RefSeq
Other Designations	OTTHUMP00000021869|OTTHUMP00000063889

Disease

- Arthritis
- Asthma
- Bronchial Hyperreactivity
- Bronchiolitis

- Cardiovascular Diseases
- Cystic fibrosis
- Dermatitis
- Diabetes Mellitus
- Disease Susceptibility
- Dysautonomia
- Edema
- Gaucher disease
- Genetic Diseases
- Genetic Predisposition to Disease
- Heart Defects
- Hereditary Sensory and Autonomic Neuropathies
- Hirschsprung Disease
- Hypersensitivity
- Hypertension
- Infant
- Kidney Failure
- Respiratory Syncytial Virus Infections
- Rhinitis
- Urea Cycle Disorders