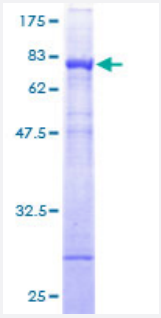
Full-Length

FLJ13052 (Human) Recombinant Protein (P01)

Catalog # H00065220-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FLJ13052 full-length ORF (AAH01709, 1 a.a. - 446 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	MEMEQEKMTMNKELSPDAAAYCCSACHGDETWSYNHPIRGRAKSRSLSASPALGSTKEFRRTR SLHGPCPVTTFGPKACVLQNPQTIMHIQDPASQRLTWNKSPKSVLVIKKMRDASLLQPFKELCTH LMEENMIVYVEKKVLEDPAIASDESFGAVKKKFCTFREDYDDISNQIDFIICLGGDGTLLYASSLFQ GSVPPVMAFHLGSLGFLTPFSFENFQSQVTQVIEGNAAVVLRSRLKVRVVKELRGKKTAVHNGL GEKGSQAAGLDMDVGKQAMQYQVLNEVVIDRGPSSYLSNVDVYLDGHLITTVQGDGVIVSTPTGS TAYAAAAGASMIHPNVPAIMITPICPHSLSFRPIVVPAGVELKIMLSPEARNTAWVSFDGRKRQEIRH GDSISITTSCYPLPSICVRDPVSDWFESLAQCLHWNVRKKQAHFEEEEEEEEEG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	74.8
Interspecies Antigen Sequence	Mouse (91); Rat (91)
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 — NADK

Entrez GeneID	65220
GeneBank Accession#	BC001709
Protein Accession#	AAH01709
Gene Name	NADK
Gene Alias	FLJ13052, FLJ37724, dJ283E3.1
Gene Description	NAD kinase
Omim ID	611616
Gene Ontology	Hyperlink
Gene Summary	NADK catalyzes the transfer of a phosphate group from ATP to NAD to generate NADP, which in its reduced form acts as an electron donor for biosynthetic reactions (Lerner et al., 2001 [PubMed 11594753]).[supplied by OMIM
Other Designations	OTTHUMP00000001110|OTTHUMP00000001111

Pathway

- Metabolic pathways
- Nicotinate and nicotinamide metabolism

Disease

- Tobacco Use Disorder