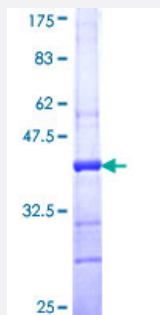


KALRN (Human) Recombinant Protein (Q01)

Catalog # H00008997-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KALRN partial ORF (NP_008995, 1187 a.a. - 1287 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SKEETCINVCVRVDFSFPHHEYFCGVSNAAARDFINVILQEDFRRRPTAATCLQHPWLQPHNGSYSKIP LDTSRLACFIERRKHQNDVRPIPNVKSIVNRVNQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — KALRN

Entrez GeneID [8997](#)

GeneBank Accession# [NM_007064](#)

Protein Accession# [NP_008995](#)

Gene Name KALRN

Gene Alias DUET, FLJ16443, HAPIP, TRAD, duo

Gene Description kalirin, RhoGEF kinase

Omim ID [604605](#)

Gene Ontology [Hyperlink](#)

Gene Summary Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons , is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein that interacts with the huntingtin-associated protein 1, which is a huntingtin binding protein that may function in vesicle trafficking. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations OTTHUMP00000165775|huntingtin-associated protein interacting protein (duo)|serine/threonine kinase with Dbl- and pleckstrin homology domains

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Brain Ischemia](#)
- [Coronary Artery Disease](#)

- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)