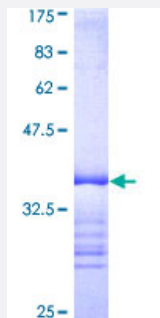


ABL2 (Human) Recombinant Protein (Q01)

Catalog # H00000027-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ABL2 partial ORF (AAH65912, 743 a.a. - 842 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KKTLGLRAGKPTASDDTSKPFPRSNSTSSMSSGLPEQDRMAMTLPRNCQRSKLQLERTVSTSSQPEENVDRANDMLPKKSEESAAPSRERPKAKLLPRGA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
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 — ABL2

Entrez GeneID	27
GeneBank Accession#	BC065912
Protein Accession#	AAH65912
Gene Name	ABL2
Gene Alias	ABLL, ARG, FLJ22224, FLJ31718, FLJ41441
Gene Description	v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)
Omim ID	164690
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Abelson family of nonreceptor tyrosine protein kinase. The protein is highly similar to the ABL1 protein, including the tyrosine kinase, SH2 and SH3 domains, and has a role in cytoskeletal rearrangements by its C-terminal F-actin- and microtubule-binding sequences. This gene is expressed in both normal and tumor cells, and is involved in translocation with the ETV6 gene in leukemia. Multiple alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq]
Other Designations	Abelson murine leukemia viral (v-abl) oncogene homolog 2 Abelson-related gene protein OTTHU MP00000033139 arg tyrosine kinase v-abl Abelson murine leukemia viral oncogene homolog 2

Pathway

- [ErbB signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)