

Recombinant Human ABL2, GST-tagged

Cat. No. ABL2-673H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABL2 with a GST Tag at N-terminal is expressed in <i>Baculovirus</i> . MW=153 kDa.
Species	Human
Source	Insect Cells
Description	Tyrosine-protein kinase ABL2 also known as Abelson-related gene protein (ABL2) is an enzyme that in humans is encoded by the ABL2 gene. ABL2 is a cytoplasmic tyrosine kinase which is closely related to but distinct from ABL1. The similarity of the proteins includes the tyrosine kinase domains and extends amino-terminal to include the SH2 and SH3 domains. ABL2 is expressed in both normal and tumor cells. The ABL2 gene product is expressed as two variants bearing different amino termini, both approximately 12-kb in length.
Purity	63 %. The purity was assessed by SDS-PAGE/CBB staining.
Buffer	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5.
Storage And Handling	Store at -80°C. Avoid repeating freeze-thaws.

GENE INFORMATION

Gene Name	ABL2 v-abl Abelson murine leukemia viral oncogene homolog 2 [Homo sapiens]
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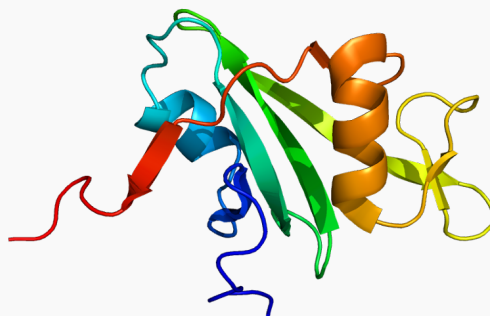
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Synonyms	ABL2; v-abl Abelson murine leukemia viral oncogene homolog 2; Abelson murine leukemia viral (v-abl) oncogene homolog 2; OTTHUMP00000033140; OTTHUMP00000218106; abelson murine leukemia viral oncogene homolog 2; abelson-related gene protein; arg tyrosine kinase; tyrosine-protein kinase ABL2; tyrosine-protein kinase ARG; v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene); ARG; ABL; FLJ22224; FLJ31718; FLJ41441; ABL2; EC 2.7.10.2
Gene ID	27
mRNA Refseq	NM_001136000
Protein Refseq	NP_001129472
MIM	164690
UniProt ID	P42684
Chromosome Location	1q24-q25
Pathway	ErbB signaling pathway; Viral myocarditis
Function	ATP binding; magnesium ion binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity; transferase activity

PDB rendering based
on 1ab2.



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