



# Certificate of Analysis

## ABL1 Protein, Human (sf9)

Cat. No.:	HY-P702716
Batch No.:	429982
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	Tag Free
Accession:	P00519 (E27-R1130)
Gene ID:	25
Molecular Weight:	120.2 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	91.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.	PASS
Appearance	Solution	
Concentration	1.51 mg/mL	
Reconstitution	Please use rapid thawing with running water to thaw the protein.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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