

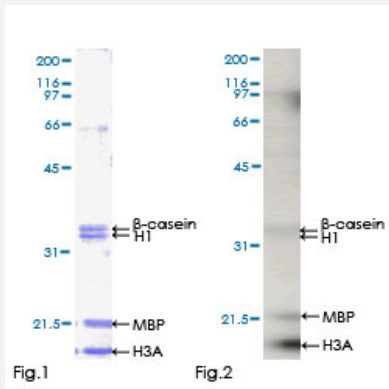
Full-Length

CLK2 (Human) Recombinant Protein (P01)

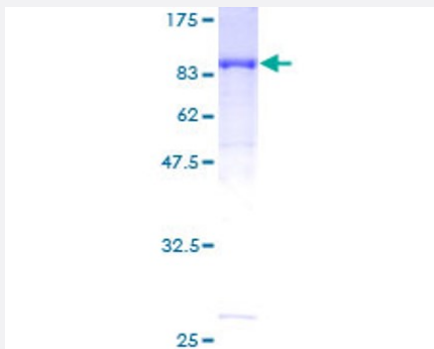
Catalog # H00001196-P01

Size 25 ug, 10 ug

Applications



Kinase Assay



Specification

Product Description

Human CLK2 full-length ORF (AAH14067, 1 a.a. - 498 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence	MPHPRRYHSSERGSRGSYREHYRSRKHKRRRSRSWSSSSDTRRRRRREDSYHVRSRSSYDDR SSDRRVYDRRYCGSYRRNDYSRDRGDAYD TDYRHSYEQRENSSYRSQRSSRRKHRRRRRRS RTFSRSSSHSSRRRAKSVEDDAEGHLYHVGDWLQERYEIVSTLGEGTFGRVVQCVDHRRGGARV ALKIKNVEKYKEAARLEINVLEKINEKDPDNKNLCVQMFDWFDYHGHMCISFELLGLSTFDLFDN NYLPYPIHQVRHMAFQLCQAVKFLHDNKLTHDLKPENILFVNSDYELTYNLEKKRDERSVKSTAV RVVDFGSATFDHEHHSTIVSTRHYRAPEVILELGWSQPCDVWSIGCIIFEYVVGFTLFQTHDNREHL AMMERILGPIPSRMIRKTRKQKYFYRGLDWDENTSAGRYVRENCKPLRRYLTSEAEHHQLFDLI ESMLEYEPAKRLTLGEALQHPFFARLRAEPPNKLWDSSRDISR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	80.52
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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

- Kinase Assay
[Protocol Download](#)
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CLK2

Entrez GeneID

[1196](#)

GeneBank Accession#	BC014067
Protein Accession#	AAH14067
Gene Name	CLK2
Gene Alias	MGC61500, hCLK2
Gene Description	CDC-like kinase 2
Omim ID	602989
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the CLK family of dual specificity protein kinases. CLK family members have been shown to interact with, and phosphorylate, serine- and arginine-rich (SR) proteins of the spliceosomal complex, which is a part of the regulatory mechanism that enables the SR proteins to control RNA splicing. Note that this gene is distinct from TELO2 gene (GeneID:9894), which shares CLK2 and hCLK2 symbol aliases in common with this gene, but encodes a protein that is involved in telomere length regulation. [provided by RefSeq]
Other Designations	CLK kinase dual specificity protein kinase CLK2