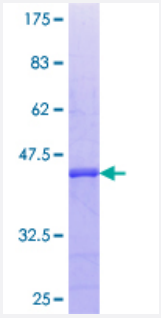
CDKL3 (Human) Recombinant Protein (Q02)

Catalog # H00051265-Q02 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CDKL3 partial ORF (AAH41799.1, 322 a.a. - 420 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NELRKDERKTVYTNTLLSSSVLGKEIEKEKKPKEIKVRVIKVKGGRGDISEPKKKEYEGGLGQQDA NENVHPMSPDTKLVTIEPPNPINPSTNCNGLKE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (80); Rat (81)
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 — CDKL3

Entrez GeneID	51265
GeneBank Accession#	BC041799
Protein Accession#	AAH41799.1
Gene Name	CDKL3
Gene Alias	NKIAMRE
Gene Description	cyclin-dependent kinase-like 3
Omim ID	608459
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of Saccharomyces cerevisiae cdc28 , and Schizosaccharomyces pombe cdc2, and are known to be important regulators of cell cycle progression. This gene was identified as a gene absent in leukemic patients with chromosome 5 q deletion. This loss may be an important determinant of dysmyelopoiesis. Alternative splicing res ults in multiple transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	serine-threonine protein kinase NKIAMRE

Disease

- Tobacco Use Disorder