

Recombinant Full Length Human HEXIM2 Protein, C-Flag-tagged

Cat. No. HEXIM2-2162HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HEXIM2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the HEXIM family of proteins. This protein is a component of the 7SK small nuclear ribonucleoprotein. This protein has been found to negatively regulate the kinase activity of the cyclin-dependent kinase P-TEFb, which phosphorylates multiple target proteins to promote transcriptional elongation. This gene is located approximately 7 kb downstream from related family member HEXIM1 on chromosome 17. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	32.2 kDa
AA Sequence	MMATPNQTACNAESPVALEEAKTSGAPGSPQTPPERHDSGGSPLTPRMESHSED EDLAGAVGGLGWNSR SPRTQSPGGCSAEAVLARKKKHRRRPSKRKRHWRPYLELS WAEKQQRDERQSQRASRVREEMFAKGQPVAP YNTTQFLMNDRDPEEPNLDVPH GISHPGSSGESEAGDSDGRGRAHGEFQRKDFSETYERFHTESLQGRSK QELVRDY LELEKRLSQAEEETRRLQQLQACTGQQSCRQVEELAAEVQRLRTENQRLRQENQM WNREGCRC DEEPGT TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	HEXIM2 HEXIM P-TEFb complex subunit 2 [Homo sapiens (human)]
Official Symbol	HEXIM2
Synonyms	L3
Gene ID	124790
mRNA Refseq	NM_144608.2
Protein Refseq	NP_653209.1
MIM	615695

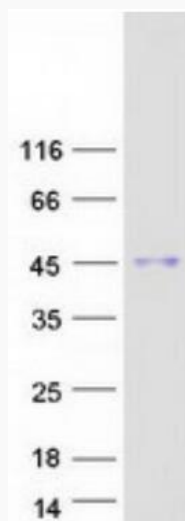
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UniProt ID

Q96MH2



Coomassie blue staining of purified HEXIM2 protein.

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