

Recombinant Full Length Human CSE1L Protein, C-Flag-tagged

Cat. No. CSE1L-212HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CSE1L Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Proteins that carry a nuclear localization signal (NLS) are transported into the nucleus by the importin-alpha/beta heterodimer. Importin-alpha binds the NLS, while importin-beta mediates translocation through the nuclear pore complex. After translocation, RanGTP binds importin-beta and displaces importin-alpha. Importin-alpha must then be returned to the cytoplasm, leaving the NLS protein behind. The protein encoded by this gene binds strongly to NLS-free importin-alpha, and this binding is released in the cytoplasm by the combined action of RANBP1 and RANGAP1. In addition, the encoded protein may play a role both in apoptosis and in cell proliferation. Alternatively spliced transcript variants have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	110.2 kDa
AA Sequence	MELSDANLQTLTEYLKKTLDPDPAIRRPAAEKFLESVEGNQNYPLLLLTLLEKSQDNVI KVCASVTFKNYI KRNWRIVEDEPNKICEADRVAIKANIVHMLSSPEQIQKQLSDAISII GREDFPQKWPDLLTEMVNRFQS GDFHVGINGVLRTAHSLSFKRYRHEFKSNELWTEIK

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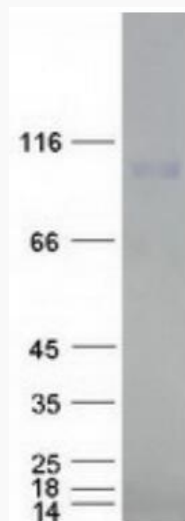
LVLDAFALPLTNLFKATIELCSTHANDASALRILFS SLILISKLFYSLNFQDLPEFFEDN
 METWMNNFHTLLTLDNKLLQTDDEEEAGLLELLKSQICDAAALYAQ KYDEEFQRYL
 PRFVTAIWNLLVTTGQEVKYDLLVSNAIQFLASVCERPHYKNLFEDQNTLTSSICEKVIV
 P NMEFRAADEEAFEDNSEEYIRRDLEGSIDTRRRRAACDLVRGLCKFFEGPVTGIFS
 GYVNSMLQEYAKNP SVNWKHKDAAIYLVTSLASKAQTQKHGITQANELVNLTEFFV
 NHILPDLKSANVNEFPVLKADGIKYIMI FRNQVPKEHLLVSIPLLINHLQAESIVVHTYA
 AHALERLFTMRGPNNATLFTA AEIAPFVEILLTNLFKA LTLPGSSENEYIMKAIMRSFS
 LLQEAIPIYPTLITQLTQKLLAVSKNPSKPHFNHYMF EAICLSIRITC KANPAAVVNFE
 EALFLVFTEILQNDVQEFIPYVFQVMSLLLETHKNDIPSSYMA LFPHLLQPVLWERTG
 N IPALVRLLQAFLERGSNTIASAAADKIPGLLGVFQKLIASKANDHQGFYLLNSIIEHM
 PPESVDQYRKQI FILLFQRLQNSKTTKFIKSFLVFINLYCIKYGALALQEIFDGIQPKMF
 GMVLEKIIPEIQVSGNVEKK ICAVGITKLLTECPPMMDTEYTKLWTPLLQSLIGLFEL
 PEDDTIPDEEHFIDIEDTPGYQTAFS QLAFAG
 KKEHDPVGQMVNNPKIHLAQSLHKLSTACGRVPSMVSTSLNAEALQYLQGYLQAA
 SVTLLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	Druggable Genome

Full Length

Full L.

GENE INFORMATION**Gene Name** CSE1L chromosome segregation 1 like [Homo sapiens (human)]**Official Symbol** CSE1L**Synonyms** CAS; CSE1; XPO2**Gene ID** 1434**mRNA Refseq** NM_001316.4**Protein Refseq** NP_001307.2**MIM** 601342**UniProt ID** P55060 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA



Coomassie blue staining of purified CSE1L protein.

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