

Recombinant Full Length Human CSE1L Protein

Cat. No. CSE1L-95HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Cellular Apoptosis Susceptibility with N terminal proprietary tag, predicted mwt: 47.52 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	195 amino acids
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.
Form	Liquid
Molecular Mass	47.520kDa inclusive of tags
AA Sequence	MELSDANLQTLTEYLKKTLDPDPAIRRPAAKFLESVEGNQ NYPLLLLTLEKSQDNVI KVCASVTFKNIYKRNWRIVEDE PNKICEADRVAIKANIVHMLSSPEQIQKQLSDAISII GR EDFPQKWPDLLTEMVNRFQSGDFHVGVLRTAHS�FKRY RHEFKSNELWTEI

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KLVLDAFALPLTNLFKVVNASW

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name CSE1L CSE1 chromosome segregation 1-like (yeast) [Homo sapiens]

Official Symbol CSE1L

Synonyms CSE1L; CSE1 chromosome segregation 1-like (yeast); chromosome segregation 1 (yeast homolog) like; exportin-2; CAS; CSE1; XPO2

Gene ID 1434

mRNA Refseq NM_001316

Protein Refseq NP_001307

MIM 601342

UniProt ID P55060

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