Recombinant Full Length Human CSE1L Protein, GST-tagged

Cat. No. CSE1L-2152HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSE1L full-length ORF (ENSP00000343253, 1 a.a. - 195 a.a.) recombinant protein with GST-tag at N-terminal.
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. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]
Molecular Mass	49.1 kDa
AA Sequence	MELSDANLQTLTEYLKKTLDPDPAIRRPAEKFLESVEGNQNYPLLLLTLLEKSQDNVI KVCASVTFKNYIKRNWRIVEDEPNKICEADRVAIKANIVHLMLSSPEQIQKQLSDAISII GREDFPQKWPDLLTEMVNRFQSGDFHVINGVLRTAHSLFKRYRHEFKSNELWTEIK

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	LVLDAFALPLTNLFKVWNASW
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; exp2; importin-alpha re-exporter; chromosome segregation 1-like protein; cellular apoptosis susceptibility protein; MGC117283; MGC130036; MGC130037
Gene ID	1434
mRNA Refseq	NM_001256135
Protein Refseq	NP_001243064
MIM	601342

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UniProt ID	P55060

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