

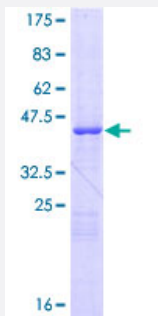
Full-Length

CSE1L (Human) Recombinant Protein (P01)

Catalog # H00001434-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CSE1L full-length ORF (ENSP00000343253, 1 a.a. - 195 a.a.) recombinant protein with GS T-tag at N-terminal.
Sequence	MELSDANLQTLTEYLKKTLDPDPAIRRPAAEKFLESVEGNQNYPLLLLTLLEKSQDNVIKVCASVTFK NYIKRNWRIVEDEPNKICEADRVAIKANVHMLSSPEQIQKQLSDAISIIGREDFPQKWPDLLTEMV NRFQSGDFHVGVLRTAHSFLKRYRHEFKSNELWTEIKLVDAFALPLTNLFKVVNASW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.1
Interspecies Antigen Sequence	Mouse (100); Rat (99)
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 — CSE1L

Entrez GeneID [1434](#)

GeneBank Accession# [ENST00000338534](#)

Protein Accession# [ENSP00000343253](#)

Gene Name CSE1L

Gene Alias CAS, CSE1, MGC117283, MGC130036, MGC130037, XPO2

Gene Description CSE1 chromosome segregation 1-like (yeast)

Omim ID [601342](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations CSE1 chromosome segregation 1-like protein|OTTHUMP00000043373|cellular apoptosis susceptibility protein|chromosome segregation 1-like|importin-alpha re-exporter