

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

Cat. No. ERAS-716HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ERAS Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a constitutively active member of the small GTPase Ras protein family. The encoded protein activates the phosphatidylinositol 3-kinase signal transduction pathway in undifferentiated stem cells, but is not expressed in differentiated cells. This gene may be involved in cancer and chemotherapy resistance.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.1 kDa
AA Sequence	MELPTKPGTFDLGLATWSPSFQGETHRAQARRRDVGRQLPEYKAVVVGASGVGKS ALTIQLNHQCFVEDH DPTIQDSYWKELTLDSGDCILNVLDTAGQAIHRALRDQCLAV CDGVLGVFALDDPSSLIQLQQIWATWGP HPAQPLVLVGNKCDLVTTAGDAHAAAAA LAHSWGAHVFVETSAKTRQGVVEAFSLLVHEIQRVQEAMAKEP MARSCREKTRHQKATCHCGCSVATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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.

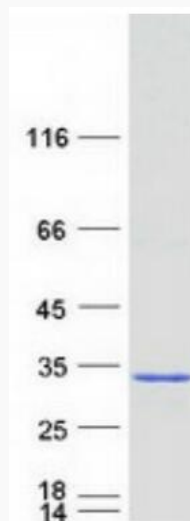
GENE INFORMATION

Gene Name	ERAS ES cell expressed Ras [Homo sapiens (human)]
Official Symbol	ERAS
Synonyms	HRAS2; HRASP
Gene ID	3266
mRNA Refseq	NM_181532.3
Protein Refseq	NP_853510.1
MIM	300437
UniProt ID	Q7Z444

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Coomassie blue staining of purified ERAS protein.

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