

Product datasheet for **TP310965M**

ERAS (NM_181532) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ES cell expressed Ras (ERAS), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC210965 protein sequence
Red=Cloning site **Green**=Tags(s)

MELPTKPGTFDLGLATWSPSFQGETHRAQARRRDVGRQLPEYKAVVWGASGVGKSALTIQLNHQCFVEDH
DPTIQDSYWKELTLD SGDCILNVLDTAGQAIHRALRDQCLAVCDGVLGVFALDDPSSLIQLQIQIWATWGP
HPAQPLVLVGNKCDLVTTAGDAHAAAAALAHSWGAFHVETS AKTRQGVVEAFSLLVHEIQRVQEAMAKEP
MARSCREKTRHQKATCHCGCSVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 25.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_853510](#)

Locus ID: 3266

UniProt ID: [Q7Z444](#)



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RefSeq Size: 826

Cytogenetics: Xp11.23

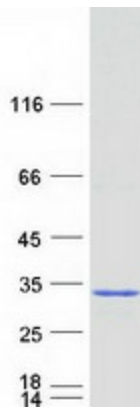
RefSeq ORF: 699

Synonyms: HRAS2; HRASP

Summary: 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. [provided by RefSeq, Dec 2012]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ERAS protein (Cat# [TP310965]). The protein was produced from HEK293T cells transfected with ERAS cDNA clone (Cat# [RC210965]) using MegaTran 2.0 (Cat# [TT210002]).