Recombinant Human ERAS Protein (3-230 aa), His-tagged

Cat. No. ERAS-1261H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERAS Protein (3-230 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	3-230 aa
Description	Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the tumor-like growth properties of bryonic st cells.
Form	Tris-based buffer,50% glycerol
Molecular Mass	28.8 kDa
AA Sequence	LPTKPGTFDLGLATWSPSFQGETHRAQARRRDVGRQLPEYKAVVVGASGVGKSAL TIQLNHQCFVEDHDPTIQDSYWKELTLDSGDCILNVLDTAGQAIHRALRDQCLAVCD GVLGVFALDDPSSLIQLQQIWATWGPHPAQPLVLVGNKCDLVTTAGDAHAAAAALA HSWGAHFVETSAKTRQGVEEAFSLLVHEIQRVQEAMAKEPMARSCREKTRHQKAT CHCGC
Purity	> 90% as determined by SDS-PAGE.

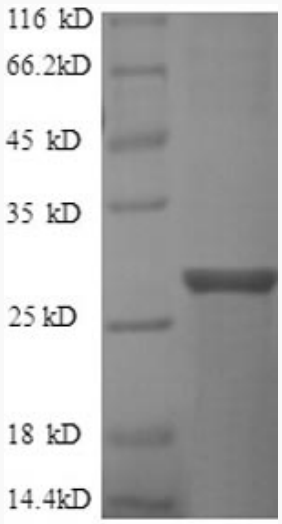
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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	ERAS ES cell expressed Ras [Homo sapiens]
Official Symbol	ERAS
Synonyms	ERAS; GTPase ERas; E-Ras; HRAS2; HRASP; MGC126691; MGC126693;
Gene ID	3266
mRNA Refseq	NM_181532
Protein Refseq	NP_853510
MIM	300437
UniProt ID	Q7Z444

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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