

## Recombinant human GTPase ERas

Catalog No: #AP72229



Package Size: #AP72229-1 20ug #AP72229-2 100ug #AP72229-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant human GTPase ERas
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:3-230aaSequence Info:Partial
Other Names	Embryonic stem cell-expressed Ras
Accession No.	Q7Z444
Uniprot	Q7Z444
GeneID	3266;
Calculated MW	28.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	LPTKPGTFDLGLATWSPSFQGETHRAQARRRDVGRQLPEYKAVVVGASGVGKSALTIQLNHQCFVEDHDPTI QDSYWKELTLDSGDCILNVLDTAGQAIHRALRDQCLAVCDGVLGVFALDDPSSLIQLQQIWATWGPHPAQPLV LVGNKCDLVTTAGDAHAHAHAALAHSWGAFVETSATRQGVVEEAFSLLVHEIQRVQEAMAKEPMARSCREKT RHQKATCHCGC
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Ras proteins bind GDP,GTP and possess intrinsic GTPase activity. Plays an important role in the tumor-like growth properties of bryonic st cells .

## References

Role of Eras in promoting tumor-like properties in mouse embryonic stem cells.Takahashi K., Mitsui K., Yamanaka S.Nature 423:541-545(2003)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only