

Recombinant human GTPase KRas

Catalog No: #AP72228

Package Size: #AP72228-1 20ug #AP72228-2 100ug #AP72228-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant human GTPase KRas
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-168aaSequence Info:Partial
Other Names	K-Ras 2Ki-Rasc-K-rasc-Ki-ras
Accession No.	P01116
Uniprot	P01116
GeneID	3845;
Calculated MW	23.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	TEYKLVVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYRKQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTG EGFLCVFAINNTKSFEDIHHYREQIKRVKDSEDVPMVLVGNKCDLPSRTVDTKQAQDLARSYGIPFIETSAKTR QRVEDAFYTLVREIRQYRL
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 regulation of cell proliferation .Curated2 Publications

References

Structure and organization of the human Ki-ras proto-oncogene and a related processed pseudogene.McGrath J.P., Capon D.J., Smith D.H., Chen E.Y., Seeburg P.H., Goeddel D.V., Levinson A.D.Nature 304:501-506(1983)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only