

32-4341: Recombinant Human Neuroblastoma RAS Viral Oncogene Homolog

Alternative Name : GTPase NRas,HRAS1,ALPS4,N-ras,NRAS1,NS6,Transforming protein N-Ras.

Description

Source : Escherichia Coli. NRAS Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 186 amino acids (1-186 a.a.) and having a molecular mass of 20.8kDa. The NRAS is purified by conventional chromatography. NRAS binds GDP/GTP and has intrinsic GTPase activity. NRAS is a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. This transport is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. NRAS is activated to a GTP-bound form by a GTPase activating protein and inactivated to a GDP-bound form by a guanine nucleotide-exchange factor. Defects in this NRAS gene result in juvenile myelomonocytic leukemia.

Product Info

| | |
|----------------------------|---|
| Amount : | 10 µg |
| Purification : | Greater than 95.0% as determined by SDS-PAGE. |
| Content : | The NRAS protein solution contains 20mM Tris-HCl pH-7.5, 100mM NaCl, and 10% glycerol. |
| Storage condition : | Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Amino Acid : | MTEYKLVVVG AGGVGKSALT IQLIQNHFVD EYDPTIEDSY RKQVVIDGET CLLDILDTAG QEEYSAMRDQ YMRTGEGFLC VFAINNSKSF ADINLYREQI KRVKDSDDVP MVLVGNKCDL PTRTVDTKQA HELAKSYGIP FIETSAKTRQ GVEDAFYTLV REIRQYRMKK LNSSDDGTQG CMGLPC. |

