

NRAS, 1-186aa, Human, E.coli

Cat.NO.: TP03193

3th Edition

Synonyms:Neuroblastoma RAS viral (v-ras) oncogene homolog, GTPase NRas, HRAS1, ALPS4, N-ras, NRAS1, NS6

Description:Neuroblastoma RAS viral (v-ras) oncogene homolog, also known as NRAS, is a member of the RAS gene family. NRAS is an oncogene encoding a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. The encoded protein, which has intrinsic GTPase activity, 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.

Form:Liquid. In 20mM Tris-HCl buffer (pH7.5) containing 100mM NaCl,10% glycerol

Molecular Weight:20.8 kDa (186aa)

Sequences:

MTEYKLVVVGAGGVGKSALTIQLIQNHVDEYDPTIEDSYRKQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEG
FLCVFAINNSKSFADINLYREQIKRVKDSDDVPMVLVGNKCDLPTRTVDTKQAHELAKSYGIPFIETSAKTRQGVEDA
FYTLVREIRQYRMKKLNSSDDGTQGCMGLPC

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.