



Product Datasheet

Product Name	RAB5A Human Recombinant
Cata No	CB501447
Source	<i>Escherichia Coli.</i>
Synonyms	Ras-related protein Rab-5A, RAB5A, RAB5.

Description

RAB5A is a member of RAS oncogene family. The small GTPase, RAB5A is a crucial regulatory component of the endocytic pathway. Activation of RAB5A is mediated by GDP-GTP exchange factors (GEFs) that generate the Rab5-GTP complex).

RAB5A is required for the fusion of plasma membranes and early endosomes.

RAB5A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 215 amino acids and having a molecular mass of 23kDa.

Physical Appearance

Sterile Filtered colorless solution.

Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Formulation

The protein solution contains 20mM Tris, pH-8.

Stability

RAB5A although stable 4°C for 4 weeks, should be stored desiccated below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.

Sequence

MASRGATRPN GPNTGNKICQ FKLVLGESA
VGKSSLVLRV VKGQFHEFQE
STIGAAFLTQTVCLDDTTVK FEIWDTAGQE
RYHSLAPMYR RGAQAIVVY DITNEESFAR
AKNWVKELQRQASPNIVIAL SGNKADLANK
RAVDFQEAQS YADDNSLLFM ETSAKTSMNV
NEIFMAIAKKLPKNEPQNPG ANSARGRGVD
LTEPTQPTRN QCCSN.