
Product Data Sheet

Product Name: RRAS Human
 Cat. No.: GP24445
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ras-Related Protein R-Ras; p23; RRAS.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSSGAASGTG RGRPRGGGPG PGDPPPSETH KLVVVGGGGV GKSALTIQFI QSYFVSDYDP TIEDSYTKIC SVDGIPARLD ILDTAGQEEF GAMREQYMRA GHGFLLVFAI NDRQSFNEVG KLFTQILRVK DRDDFPVVLV GNKADLESQR QVPRSEASAF GASHHVAYFE ASAKLRLNVD EAFEQLVRAV RKYQEQLPP SPPSAPRKKG GGCPG.		
Formulation	RRAS Human solution (0.5mg/1ml) containing 20mM Tris-HCl pH-8, 0.1M NaCl and 10% glycerol.		

Introduction

RRAS belongs to the Ras family which functions in signal transduction pathways. RRAS interacts with RASSF5, NCK1, Bcl-2, ARAF and RALGDS. RRAS binds GTP and GDP, and it has intrinsic GTPase activity. RRAS regulates the organization of the actin cytoskeleton

Stability

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.

Background

RRAS Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 235 amino acids (1-215 a.a.) and having a molecular mass of 25.3 kDa. RRAS protein is fused to a 20 amino acid His-Tag at N-terminus and purified by standard chromatography.

Caution: Product has not been fully validated for medical applications. For research use only.

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