
Product Data Sheet

Product Name: RALA Mouse
 Cat. No.: GP24324
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ras-related protein Ral-A; Rala; Ral; Ral-a; RALA.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHEMAANKP KGQNSLALHK VIMVGSGGGVG KSALTQLQFMY DEFVEDYEPT KADSYRKKVW LDGEEVQIDI LDTAGQEDYA AIRDNYFRSG EGFLCVFSIT EMESFAATAD FREQILRVKE DENVPFLLVG NKSDLEDKRQ VSVEEAKNRA DQWNVNYVET SAKTRANVDK VFFDLMREIR ARKMEDSKEK NGKKKRKSLA KRIRERC		
Formulation	RALA protein solution (0.5mg/ml) 20mM Tris-Hcl buffer (pH8.5) containing 30% glycerol, 0.1M NaCl and 0.1mM PMSF.		

Introduction

Ras-related protein Ral-A (RALA) is a member of the small GTPase superfamily, Ras family of proteins. RALA mediates a distinct downstream signaling pathway from Ras which facilitates cellular transformation. Furthermore, RALA is thought to be involved in various signaling cascades, including regulation of the cytoskeleton, vesicle trafficking, and endocytosis.

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

RALA Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (1-203 a.a) and having a molecular mass of 25.7kDa. RALA is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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