
Product Data Sheet

Product Name: RASSF3 Human
 Cat. No.: GP24345
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ras association domain-containing protein 3; RASSF3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSSGYSS LEEDAEDFFF TARTSFFRRA PQGKPRSGQQ DVEKEKETHS YLSKEEIKEK VHKNLAVTD KLMKTLNSNG IYTGFIKVQM ELCKPPQTSP NSGKLSPSSN GCMNTLHISS TNTVGEVIEA LLKKFLVTES PAKFALYKRC HREDQVYACK LSDREHPLYL RLVAGPRTDT LSFVLRHEI GEWEAFSLPE LQNFLRILDK EEDEQLQNLK RRYTAYRQKL EEALREVKWP D.		
Formulation	RASSF3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

Ras association domain-containing protein 3 (RASSF3) is a ubiquitously expressed protein found in normal and cancerous tissues. RASSF3 is a member of RASSF family whose members contain a highly conserved Ras association domain (Ral GDS/AF-6 or RA) and function as Ras effectors/tumor suppressors. RASSF3 contains an N-terminal RA domain and a coiled-coil SARAH domain and may have 3 isoforms (RASSF3A, RASSF3B and RASSF3C) due to alternative splicing. RASSF3B and RASSF3C are shorter than RASSF3A and do not contain the RA and SARAH domain.

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

RASSF3 Human Recombinant produced in E.Coli is a single, non-glycosylated

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

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polypeptide chain containing 261 amino acids (1-238a.a) and having a molecular mass of 30kDa. RASSF3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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