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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Recombinant Human RND3

CLPRO487
CLPRO487-2
CLPRO487-3
Lot:

Introduction: RND3 is a small GTPase which is part of the Ras superfamily that controls the association of the actin cytoskeleton in reaction to extracellular growth factors. RND3 activity causes a decrease in stress fibers and an increase in cell migration, at least in part through regulation of the Rho-dependent kinase ROCK1. RND3 inhibits DNA-damage induced apoptosis and cell cycle arrest. RND3 binds GTP and is resistant to Rho-specific GTPase-activating proteins.

Description: Recombinant Human RND3 produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 261 amino acids (1-241 a.a.) and having a molecular mass of 29.2 kDa. The RND3 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Synonyms: ARHE, memB, Rho8, RhoE, Rho-related GTP-binding protein RhoE, Protein MemB, Rho family GTPase 3, Rho-related GTP-binding protein Rho8, Rnd3.

Source: Escherichia Coli.

Presentation: 5 µg (**CLPRO487**), 20 µg (**CLPRO487-2**), or 1 mg (**CLPRO487-3**), sterile filtered colorless solution. Human RND3 solution containing 20 mM Tris pH 8, 1 mM DTT, 0.1M NaCl & 40% glycerol.

Stability: Human RND3 although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence: MGSSHHHHHH SGLVPRGSH MKERRASQKL SSKSIMDPNQ NVKCKIVVVG
DSQCGKTALL HVFAKDCFPE NYVPTVFENY TASFEIDTQR IELSLWDTSG SPYYDNVRPL SYPDSDAVLI
CFDISRPETL DSVLKKWKGE IQEFCPNTKM LLVGCKSDLR TDVSTLVELS NHRQTPVSYD
QGANMAKQIG AATYIECSAL QSENSVRDIF HVATLACVNK TNKNVKNRKS QRATKRISHM
PSRPELSAVA TDLRKDKAKS C.

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