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## Product Data Sheet

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Product Name: ARHGEF39 Human  
 Cat. No.: GP22756  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Rho guanine nucleotide exchange factor 39; ARHGEF39; C9orf100; RP11-331F9.7.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMELSCPG SRCPVQEQRA RWERKRACTA RELLETERRY QEQLGLVATY FLGILKAKGT LRPPERQALF GSWELIYGAS QELLPYLEGG CWGQGLEGFC RHLELYNQFA ANSERSQTTL QEQLKKNKGF RRFVRLQEGR PEFGGLQLQD LLPLPLQLRQ QYENLVVALA ENTGPNSPDH QQLTRAARLI SETAQRVHTI GQKQKNDQHL RRVQALLSGR QAKGLTSGRW FLRQGWLLVV PPHGEPRPRM FFLFTDVLLM AKPRPPLHLL RSGTFACKAL YPMAQCHLSR VFGHSGGPCG GLLSLSFPHE KLLLMSTDQE ELSRWYHSLT WAISSQKN.		
Formulation	ARHGEF39 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.		

### Introduction

RhoGuanine Nucleotide Exchange Factor 39, also known as ARHGEF39, is a protein coding gene which owns one DH (DBL-homology) domain and one PH domain. ARHGEF39 encourages cell proliferation.

### 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

ARHGEF39 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 358 amino acids (1-335 a.a) and having a molecular mass

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

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of 40.7kDa.ARHGEF39 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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