
Product Data Sheet

Product Name: AGR3 Human
 Cat. No.: GP22692
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Anterior gradient protein 3 homolog; AG-3; AG3; hAG-3; Breast cancer membrane protein 11; AGR3; BCMP11; UNQ642/PRO1272; HAG3; PDIA18.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMIAIKKE KRPPQTLSRG WGDDITWVQT YEEGLFYAQK SKKPLMVIHH LEDCQYSQAL KKVFAQNEEI QEMAQNKFIM LNLMHETTDK NLSPDGQYVP RIMFVDPSLT VRADIAGRYS NRLTYEPRD LPLLIENMKK ALRLIQSEL.		
Formulation	AGR3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.		

Introduction

Anterior gradient protein 3 homolog precursor (AGR3) is a secreted cytoplasmic protein that is involved in metastasis induction and p53 tumor suppressor inhibition. AGR3 may function as molecular marker and potential therapeutic target for hormone-responsive breast tumors.

Stability

AGR3 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

Background

AGR3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 169 amino acids (22-166 a.a) and having a molecular mass of 19.5kDa.AGR3 is fused to a 20 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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