9051 Mira Mesa Blvd, #910094
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AGR2 Human

Anterior Gradient Protein 2 Homolog Human Recombinant
RCP0026

Product Overview

Name	AGR2 Human

Description

Anterior Gradient Protein 2 Homolog Human Recombinant

Accession (Primary)	O95994

Synonyms

Anterior gradient protein 2 homolog, Secreted cement gland protein XAG-2 homolog, AG-2, hAG-2, HPC8, AGR2, AG2, GOB-4, HAG-2, XAG-2.

Introduction

AGR2 (Anterior gradient 2 homolog) is the human orthologue of the secreted Xenopus laevis Anterior Gradient protein (XAG-2). This is a small, possibly secreted molecule of yet weakly defined functions that is widely expressed in human tissues. Expression of AGR2 shows a positive correlation with expression of estrogen receptor in breast carcinoma and a negative correlation with expression of EGF receptor.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The protein contains 20mM Tris-HCl pH 8.0, 1mM DTT, 1mM EDTA and 10% Glycerol.

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMRDT TVKPGAKKDT KDSRPKLPQT LSRGWGDQLI WTQTYEEALY KSKTSNKPLM IIHHLDECPH SQALKKVFAE NKEIQKLAEQ FVLLNLVYET TDKHLSPDGQ YVPRIMFVDP SLTVRADITG RYSNRLYAYE PADTALLLDN MKKALKLLKT EL.

Precautions

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AGR2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O95994)