



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Recombinant Human Thymus and Activation Regulated Chemokine (CCL17)

Catalog No.
228-10031

Source:
Escherichia Coli.

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.

Description

Anterior Gradient Protein 2 Homolog Human Recombinant fused to His-tag on N-terminal produced in E.Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (21-175) & having a molecular mass of 22 kDa.

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.

Please prevent freeze-thaw cycles.

Purity

Greater than 95.0% as determined by

(a) Analysis by RP-HPLC.

(b) Analysis by SDS-PAGE.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMRDT TVKPGAKKDT
KDSRPKLPQT LSRGWDQLI WTQTYEEALY KSKTSNKPLM I IHHLDECPH
SQALKKVFAE NKEIQKLAEQ FVLLNLVYET TDKHLSPDGQ YVPRIMFVDP
SLTVRADITG RYSNRLYAYE PADTALLLDN MKKALKLLKT EL .

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