

PGRN Human

Progranulin Human Recombinant
GRF0320

Product Overview

Name PGRN Human

Description

Progranulin Human Recombinant

Accession (Primary) [P28799](#)

Synonyms

PHB1, Prohibitin.

Introduction

Prohibitin (PHB) is an evolutionarily conserved gene that is ubiquitously expressed and which Mutations have been linked to sporadic breast cancer. PHB is thought to be a negative regulator of cell proliferation and may be a tumor suppressor. Prohibitin is expressed as two transcripts with changeable lengths of 3&aposts; untranslated region. The longer transcript is present at higher levels in proliferating tissues and cells, proposing that this longer 3&aposts; untranslated region functions as a trans-acting regulatory RNA.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

PHB protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.

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 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSSLVPRGSH MAAKVFESIG KFGALAVAG GVVNSALYNV DAGHRVIFD RFRGVQDIVV
GEGTHFLIPW VQKPIIFDCR SRPRNVPVIT GSKDLQNVNI TLRILFRPVA SQLPRIFTSI GEDYDERVLP SITTEILKSV
VARFDAGELI TQRELVSRQV SDDLTERAAT FGLILDDVSL THLTFGKEFT EAVEAKQVAQ QEAEARFVV
EKAEQQKAA IISAEGDSKA AELIANSLAT AGDGLIELRK LEAAEDIAYQ LSRSRNITYL PAGQSVLLQL PQ.

Precautions

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

Target Information: ([P28799](#))
