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HN1 Human

Hematological And Neurological Expressed 1 Human Recombinant
RCP1039

Product Overview

Name	HN1 Human

Description

Hematological And Neurological Expressed 1 Human Recombinant

Accession (Primary)	Q9UK76

Synonyms

ARM2, HN1A, Hematological and neurological expressed 1 protein, Androgen-regulated protein 2, HN1.

Introduction

Hematological and neurological expressed 1 protein (HN1) is a small protein which is extremely preserved among species. HN1 expression is upregulated in regenerating neural tissues, including the axotomized adult rodent facial motor nerve and dedifferentiating retinal pigment epithelial cells of the Japanese newt. HN1 is also expressed in several tissues during embryonic development as well as in regions of the adult brain which display high plasticity.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The HN1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl 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 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MTTTTTFKGV DPNSRNSSRV LRPPGGGSNF SLGFDEPTEQ PVRKNKMASN IFGTPEENQA SWAKSAGAKS SGGREDLESS GLQRRNSSEA SSGDFLDLKG EGDIHENVDT DLPGSLGQSE EKPVPAAPVP SPVAPAPVPS RRNPPGGKSS LVLG.

Precautions

HN1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (Q9UK76)