

Recombinant Human hematological and neurological expressed 1, His-tagged

Cat. No. HN1-540H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HN1, 1-154aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-154 a.a.
Description	Hematological and neurological expressed 1 protein, also known as HN1, is a small protein that is highly conserved 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. It is also expressed in numerous tissues during embryonic development as well as in regions of the adult brain that exhibit high plasticity. Recombinant human HN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol
Molecular Mass	18.1kDa (174aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SGLVPRGSH MTTTTTFKGV DPNSRNSSRV LRPPGGGSNF SLGFDEPTEQ PVRKNKMASN IFGTPEENQA SWAKSAGAKS SGGREDLESS

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GLQRRNSSEA SSGDFLDLKG EGDHENVDT DLPGLGQSE EKPVPAAPVP
SPVAPAPVPS RRNPPGGKSS LVLG

Purity >90% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by BCA assay)

GENE INFORMATION

Gene Name [HN1 hematological and neurological expressed 1 \[Homo sapiens \]](#)

Official Symbol HN1

Synonyms HN1; hematological and neurological expressed 1; hematological and neurological expressed 1 protein; androgen regulated protein 2; ARM2; HN1A; androgen-regulated protein 2;

Gene ID [51155](#)

mRNA Refseq [NM_001002032](#)

Protein Refseq [NP_001002032](#)

UniProt ID [Q9UK76](#)

Chromosome Location 17

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