Recombinant human NHLH1 protein

Catalog Number: ATGP2200

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-133aa

UniProt No.
Q02575

NCBI Accession No.
NP_005589

Alternative Names
Nescient helix loop helix 1, bHLHa35, HEN1, NSCL, NSCL1

PRODUCT SPECIFICATION

Molecular Weight
17 kDa (156aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
The helix-loop-helix (HLH) proteins are a family of putative transcription factors, some of which have been shown to play an important role in growth and development of a wide variety of tissues and species. NHLH1 may serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system. Recombinant human NHLH1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

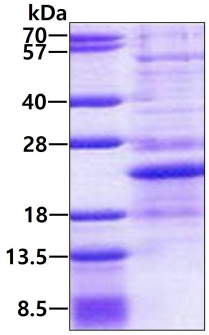
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General References

Brown L., et al. (1992) Proc. Natl. Acad. Sci. u.S.A. 89:8492-8496
Lipkowitz S., et al. (1992) J. Biol. Chem. 267:21065-21071

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.