Recombinant human NHLH2 protein

Catalog Number: ATGP2130

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-135aa

UniProt No.
Q02577

NCBI Accession No.
NP_001104531

Alternative Names
helix-loop-helix protein 2, nescient helix loop helix 2, bHLHa34; HEN2; NSCL2

PRODUCT SPECIFICATION

Molecular Weight
17.4 kDa (158aa) 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 7.5) containing 0.2M NaCl, 50% glycerol, 5mM DTT

Purity
> 90% 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
NHLH2 is a member of the basic helix-loop-helix (bHLH) transcription factor family and is expressed in developing and adult neuroendocrine tissues such as the pituitary and hypothalamus. Recombinant human NHLH2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence
MGSSHHHHHH SSGLVPRGSH MGSMMLSPDQ AADSDHPSSA HSDPESLGGT DTKVLGSVSD LEPVEEAEGD

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

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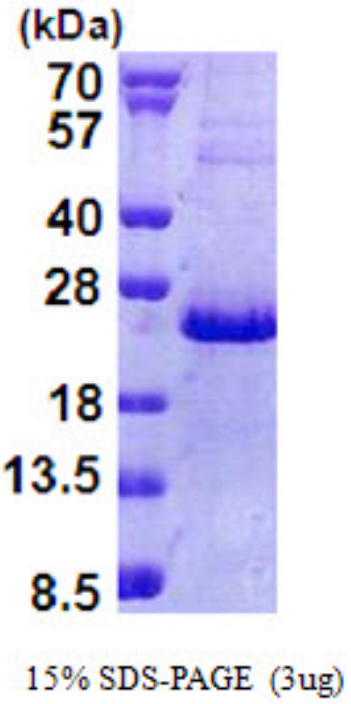
GKGGSRAALY PHPQQLSREE KRRRRRATAK YRSAHATRER IRVEAFNLAF AELRKLLPTL PPDKKLSKIE ILRLAICYIS YLNHVLDV

General References

Johnson SA, Marin-Bivens CL, et al. Hormones and behavior. 2004 Nov:46(4):420-7

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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