

Recombinant human YEATS4 protein

Catalog Number: IBATGP1365



PRODUCT INFORMATION

Expression system

E.coli

Domain

1-227aa

UniProt No.

O95619

NCBI Accession No.

NP_006521

Alternative Names

YEATS domain-containing protein 4, 4930573H17Rik, B230215M10Rik, GAS41, NuBI-1, YAF9, YEATS domain containing 4, Glioma-amplified sequence 41

PRODUCT SPECIFICATION

Molecular Weight

28.9 kDa (250aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 50% glycerol, 2mM DTT, 0.2M NaCl, 0.1mM PMSF, 50mM Imidazole

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

YEATS4 has high sequence homology to human MLLT1, and yeast and human MLLT3 proteins. Both MLLT1 and MLLT3 proteins belong to a class of transcription factors, indicating that the encoded protein might also represent a transcription factor. This protein is thought to be required for RNA transcription. This gene has been shown to be amplified in tumors. Recombinant human YEATS4 protein, fused to His-tag at N-terminus, was

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

Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246 Fax.: (763) 780-2988

Email: info@ibl-america.com Web: www.ibl-america.com

Recombinant human YEATS4 protein

Catalog Number: IBATGP1365



expressed in *E. coli* and purified by using conventional chromatography.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MFKRMAE FGPDSGGRVK GVTIVKPIVY GNVARYFGKK REEDGHTHQW
TVYVKPYRNE DMSAYVKKIQ FKLHESYGNP LRVVTKPPYE ITETGWGEFE IIIKIFFIDP NERPVTLYHL LKLFQSDTNA
MLGKKTVVSE FYDEMIFQDP TAMMQQLTT SRQLTLGAYK HETEFAELEV KTRKLEAAK KKTSFEIAEL KERLKASRET
INCLKNEIRK LEEDDQAKDI

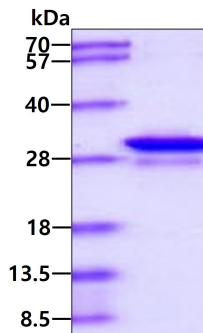
General References

Harborth J. et al. (2000) *J. Biol. Chem.* 275:31979-31985.

Debernardi S. et al. (2002) *Blood.* 99: 275-81.

DATA

SDS-PAGE



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

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

Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246 Fax.: (763) 780-2988

Email: info@ibl-america.com Web: www.ibl-america.com