

YEATS4 Human

Description: YEATS4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 250 amino acids (1-227 a.a.) and having a molecular mass of 28.9kDa. YEATS4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1026

For research use only.

Synonyms: YEATS domain-containing protein 4, Glioma-amplified sequence 41, Gas41, NuMA-binding protein 1, NuBI-1, NuBI1, YEATS4, GAS41, YAF9, 4930573H17Rik, B230215M10Rik.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMFKRMAE FGPDSGGRVK
GVTIVKPIVY GNARYFGKK REEDGHTHQW TVYVKPYRNE DMSAYVKKIY FKLHESYGNP
LRVVTKPPYE ITETGWGEFE IIIKIFFIDP NERPVTLYHL LKLFQSDTNA MLGKKTVVSE
FYDEMIFQDP TAMMQQLTT SRQLTLGAYK HETFAELEV KTRKLEAAK KKTSFEIAEL
KERLKASRET IN

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

YEATS4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 2mM DTT, 0.2M NaCl and 0.1mM PMSF.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

YEATS Domain Containing 4 (YEATS4) has a high sequence homology to the human MLLT1, and yeast and human MLLT3 proteins. MLLT1 and MLLT3 proteins, both belong to a group of transcription factors, which indicates that YEATS might also represent a transcription factor. YEATS is believed to be necessary for RNA transcription. The YEATS gene has been shown to be amplified in tumors.

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