# 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 &amp; 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 GNVARYFGKK REEDGHTHQW TVYVKPYRNE DMSAYVKKIQ FKLHESYGNP LRVVTKPPYE ITETGWGEFE IIIKIFFIDP NERPVTLYHL LKLFQSDTNA MLGKKTVVSE FYDEMIFQDP TAMMQQLLTT SRQLTLGAYK HETEFAELEV KTREKLEAAK 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 drµgs, 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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