
Product Data Sheet

Product Name: YEATS4 Human
 Cat. No.: GP25035
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	YEATS domain-containing protein 4; Glioma-amplified sequence 41; Gas41; NuMA-binding protein 1; NuBI-1; NuBI1; YEATS4; GAS41; YAF9; 4930573H17Rik; B230215M10Rik.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMFKRMAE FGPDSGGRVK GVTIVKPIVY GNVARYFGKK REEDGHTHQW TVYVKPYRNE DMSAYVKKI Q FKLHESYGNP LRVVTKPPYE ITETGWGEFE IIIKIFFIDP NERPVTLYHL LKLFQSDTNA MLGKKTVVSE FYDEMIFQDP TAMMQQLLTT SRQLTLGAYK HETEF AELEV KTREKLEAAK KKTSFEIAEL KERLKASRET INCLKNEIRK LEEDDQAKDI.		
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.		

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.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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of 28.9kDa. YEATS4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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