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## Product Data Sheet

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Product Name: MEIS3 Human  
 Cat. No.: GP23909  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Meis Homeobox 3; Meis1-Related Protein 2; MRG2; Meis1; Myeloid Ecotropic Viral Integration Site 1 Homolog 3 (Mouse); Meis1; Myeloid Ecotropic Viral Integration Site 1 Homolog 3; Homeobox Protein Meis3; Homeoboxprotein Meis3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMARRYDE LPHYPGIVDG PAALASFPET VPAVPGPYGP HRPPQPLPPG LDSDGLKREK DEIYGHPLFP LLALVFEKCE LATCSPRDGA GAGLGTPPGG DVCSSDSFNE DIAAFKQVR SERPLFSSNP ELDNLMIQAI QVLRFHLEL EKGKMPIDLVIEDRDGGCRE DFEDYPASCP SLPDQNNMWI RDHEDSGSVH LGTPGPSSGG LASQSGDNSS DQGDGLDTSV ASPSSGGEDE DLDQERRRNK KRGIFPKVAT NIMRAWLFQH LSHYPSEEQ KKQLAQDTGL TILQVNNWFI NARRRIVQPM IDQSNRTGQG AAFSPEGQPI GGYTETQPHVAVRPPGSVGM SLNLEGEWHY L		
Formulation	MEIS3 protein solution (1 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.		

### Introduction

Meis Homeobox 3, also known as MEIS3 is a member of the TALE/MEIS homeobox family. MEIS3 contains 1 homeobox DNA-binding domain. In addition, MEIS3 is over expressed in the Brain - Amygdala , Uterus , Brain - Anterior cingulate cortex and Brain nC Cortex.

### 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

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

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MEIS3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 381 amino acids (1-358 a.a) and having a molecular mass of 41.4kDa. MEIS3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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