

## Product datasheet for **TP309662**

### Meis homeobox 3 (MEIS3) (NM\_001009813) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human Meis homeobox 3 (MEIS3), transcript variant 2, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC209662 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MARRYDELPHYPGIVDGPAAALASFPETVPAVPGPYGPHRPPQPLPPGLDSDGLKREKDEIYGHPLFPLLA  
LVFEKCELATCSPRDGAGAGLGTTPGGDVCSSDSFNEDIAAFKQVRSERPLFSSNPELDNLMIQAIQVL  
RFHLLLELEKGMPIDLVIEDRDGGCREDFEDYPASCPSLPDQNNMWIRDHEDSGSVHLGTPGPSSGGLAS  
QSGDNSSDQGDGLDTSVASPSSGGEDEDLDQERRRNKKRGIFPKVATNIMRAWLFQHLSPYPSEEQKKQ  
LAQDTGLTILQVNNWFINARRRIVQPMIDQSNRTGQGAAFSPEGQPIGGYTETQPHVAVRPPGSGVMSLN  
LEGEWHYL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 38.9 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_001009813](#)

**Locus ID:** 56917



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UniProt ID: [Q99687](#), [A0A024R0S2](#)

RefSeq Size: 1977

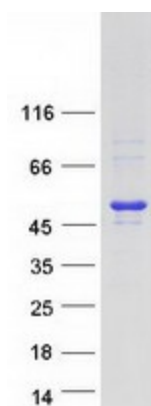
Cytogenetics: 19q13.32

RefSeq ORF: 1074

Synonyms: MRG2

**Summary:** This gene encodes a homeobox protein and probable transcriptional regulator. The orthologous protein in mouse controls expression of 3-phosphoinositide dependent protein kinase 1, which promotes survival of pancreatic beta-cells. [provided by RefSeq, Sep 2016]

### Product images:



Coomassie blue staining of purified MEIS3 protein (Cat# TP309662). The protein was produced from HEK293T cells transfected with MEIS3 cDNA clone (Cat# [RC209662]) using MegaTran 2.0 (Cat# [TT210002]).