

Recombinant Mouse Meaf6 Protein, Myc/DDK-tagged

Cat. No. Meaf6-4009M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length MYST/Esa1-associated factor 6 (Meaf6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. Component of HBO1 complexes, which specifically mediate acetylation of histone H3 at 'Lys-14' (H3K14ac), and have reduced activity toward histone H4. Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity.
Molecular Mass	21.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Meaf6 MYST/Esa1-associated factor 6 [Mus musculus (house mouse)]

Official Symbol Meaf6

Synonyms MEAF6; MYST/Esa1-associated factor 6; chromatin modification-related protein
MEAF6; protein EAF6 homolog; esa1-associated factor 6 homolog; 2310005N01Rik;
2810036M01Rik

Gene ID 70088

mRNA Refseq NM_027310

Protein Refseq NP_081586

UniProt ID Q2VPQ9

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