Recombinant Mouse Hes6 Protein, Myc/DDK-tagged

Cat. No. Hes6-3387M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length hairy and enhancer of split 6 (Hes6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Does not bind DNA itself but suppresses both HES1-mediated N box-dependent transcriptional repression and binding of HES1 to E box sequences. Also suppresses HES1-mediated inhibition of the heterodimer formed by ASCL1/MASH1 and TCF3/E47, allowing ASCL1 and TCF3 to up-regulate transcription in its presence. Promotes cell differentiation.
Molecular Mass	24.5 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.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Hes6 hairy and enhancer of split 6 [Mus musculus (house mouse)]
Official Symbol	Hes6
Synonyms	HES6; hairy and enhancer of split 6 (Drosophila); transcription cofactor HES-6; bHLHb41; AI326893
Gene ID	55927
mRNA Refseq	NM_019479
Protein Refseq	NP_062352
UniProt ID	Q9JHE6

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