

Recombinant Mouse Hes2 Protein, MYC/DDK-tagged

Cat. No. Hes2-1112M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse hes family bHLH transcription factor 2 (Hes2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene belongs to the mammalian Hes gene family, the mammalian homologues of Drosophila hairy and Enhancer of split. Hes 2 is a basic helix-loop-helix transcriptional repressor and is an effector of the Notch signaling pathway. Alternative splicing results in multiple transcript variants.
Molecular Mass	17.7 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.
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	Hes2 hes family bHLH transcription factor 2 [Mus musculus (house mouse)]
Official Symbol	Hes2
Synonyms	Hes2; hes family bHLH transcription factor 2; HES-2; transcription factor HES-2; hairy and enhancer of split 2
Gene ID	15206
mRNA Refseq	NM_008236
Protein Refseq	NP_032262
UniProt ID	O54792

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