

Recombinant Mouse Hsd11b2 Protein, MYC/DDK-tagged

Cat. No. Hsd11b2-1176M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse hydroxysteroid 11-beta dehydrogenase 2 (Hsd11b2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the conversion of cortisol to the inactive metabolite cortisone. Modulates intracellular glucocorticoid levels, thus protecting the nonselective mineralocorticoid receptor from occupation by glucocorticoids.
Molecular Mass	42.6 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	Hsd11b2 hydroxysteroid 11-beta dehydrogenase 2 [Mus musculus (house mouse)]
Official Symbol	Hsd11b2
Synonyms	Hsd11b2; hydroxysteroid 11-beta dehydrogenase 2; 11HSD2; corticosteroid 11-beta-dehydrogenase isozyme 2; 11-DH2; 11-beta-HSD2; 11-beta-hydroxysteroid dehydrogenase type 2; NAD-dependent 11-beta-hydroxysteroid dehydrogenase; EC 1.1.1.146
Gene ID	15484
mRNA Refseq	NM_008289
Protein Refseq	NP_032315
UniProt ID	P51661

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