

Recombinant Mouse Tmem97 Protein, Myc/DDK-tagged

Cat. No. Tmem97-6519M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transmembrane protein 97 (Tmem97), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Intracellular orphan receptor that binds numerous drugs and which is highly expressed in various proliferating cells. Corresponds to the sigma-2 receptor, which is thought to play important role in regulating cell survival, morphology and differentiation. May play a role as a regulator of cellular cholesterol homeostasis. May function as sterol isomerase. May alter the activity of some cytochrome P450 proteins.
Molecular Mass	20.8 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

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

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

GENE INFORMATION

Gene Name	Tmem97 transmembrane protein 97 [Mus musculus (house mouse)]
Official Symbol	Tmem97
Synonyms	Tmem97; transmembrane protein 97; AI115531; AL022956; D11Bhm182e; 1810014L12Rik; sigma intracellular receptor 2; sigma-2 receptor; sigma2 receptor
Gene ID	69071
mRNA Refseq	NM_133706
Protein Refseq	NP_598467
UniProt ID	Q8VD00

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