Recombinant Mouse Oplah Protein, Myc/DDK-tagged

Cat. No. Oplah-4595M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 5-oxoprolinase (ATP-hydrolysing) (Oplah), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the cleavage of 5-oxo-L-proline to form L-glutamate coupled to the hydrolysis of ATP to ADP and inorganic phosphate.
Molecular Mass	138.1 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.

GENE INFORMATION

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Gene Name	Oplah 5-oxoprolinase (ATP-hydrolysing) [Mus musculus (house mouse)]
Official Symbol	Oplah
Synonyms	OPLAH; 5-oxoprolinase (ATP-hydrolysing); 5-oxoprolinase; 5-OPase; pyroglutamase; 5-oxo-L-prolinase; 1700010G02Rik; MGC28663; MGC36824
Gene ID	75475
mRNA Refseq	NM_153122
Protein Refseq	NP_694762
UniProt ID	Q8K010

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