

Recombinant Mouse Slurp1 Protein, Myc/DDK-tagged

Cat. No. Slurp1-5947M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length secreted Ly6/Plaur domain containing 1 (Slurp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Has an antitumor activity. Was found to be a marker of late differentiation of the skin. Implicated in maintaining the physiological and structural integrity of the keratinocyte layers of the skin. In vitro down-regulates keratinocyte proliferation; the function may involve the proposed role as modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro inhibits alpha-7-dependent nAChR currents in an allosteric manner. In T cells may be involved in regulation of intracellular Ca ²⁺ signaling. Seems to have a immunomodulatory function in the cornea. The function may implicate a possible role as a scavenger receptor for PLAUI thereby blocking PLAUI-dependent functions of PLAUI such as in cell migration and proliferation.
Molecular Mass	12 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.

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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

Gene Name [Slurp1 secreted Ly6/Plaur domain containing 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Slurp1](#)

Synonyms SLURP1; secreted Ly6/Plaur domain containing 1; secreted Ly-6/uPAR-related protein 1; Ars component B; secreted Ly-6/uPAR related protein 1; ARS; ArsB; Slurp-1; AI415082; 1110021N19Rik; MGC130552

Gene ID [57277](#)

mRNA Refseq [NM_020519](#)

Protein Refseq [NP_065265](#)

UniProt ID [Q9Z0K7](#)

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