

## Product datasheet for **TP526243**

### Slurp1 (NM\_020519) Mouse Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse secreted Ly6/Plaur domain containing 1 (Slurp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR226243 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |

MTLRWAMWLLLLAAWSMGYGEAFRCYTCEQPTAINSCKNIAQCKMEDTACKTVLETVEAAFPFNHSPMVT  
RSCSSSCLATDPDGIGVAHPVFCCFRDLCNSGFPGFVAGL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                |  |
|----------------|--|
| Tag:           | C-MYC/DDK  |
| Predicted MW:  | 12 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:       | Store at -80°C after receiving vials.  |
| Stability:     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |
| RefSeq:        | <a href="#">NP_065265</a>  |
| Locus ID:      | 57277  |
| UniProt ID:    | <a href="#">Q9Z0K7</a>   |
| RefSeq Size:   | 525  |
| Cytogenetics:  | 15 D3  |
| RefSeq ORF:    | 333  |



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**Synonyms:** 1110021N19Rik; AI415082; ARS; ArsB; Slurp-1

**Summary:** 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 (By similarity). In T cells may be involved in regulation of intracellular Ca(2+) signaling (PubMed:17286989). Seems to have a immunomodulatory function in the cornea. The function may implicate a possible role as a scavenger receptor for PLAU thereby blocking PLAU-dependent functions of PLAUR such as in cell migration and proliferation (PubMed:23139280, PubMed:25168896).  
[UniProtKB/Swiss-Prot Function]