

Product datasheet for TP511149

Snd1 (NM_019776) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse staphylococcal nuclease and tudor domain containing 1 (Snd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211149 protein sequence Red =Cloning site Green =Tags(s)

MASSAQSSGSSGGPAVPTVQRGIVKMLVSGCAIIVRGQPRGGPPPERQINLSNIRAGNLARRAAATQPDG
 KDPDEPWAFPAREFLRKKLIGKEVCFTIENKTPQGREYGMIIYLGKDTNGENIAESLVAEGLATRREGMR
 ANNPEQNRNSECEEQAKASKKGMWSEGNCSHTIRDLYKIENPRHFVDSHHQKPVNAIIEHVRDGSVVR
 LLLPGHHLVTVMLSGIKCPTFRRETDGSETPEPFAAEAKFFTESRLLQRDVQIILESCHNQNLGTLHP
 NGNITELLKKEGFARCVDSIAVYTRGAEKLRRAERFAKERRLRIRWRYVPTANLDQKDKQFVAKVMQV
 LNADAIWVKNLNSGDYKTIHLSSIRPPRLEGDNIQDKNKKLRPLYDIPYMFEEFLRKKLIGKKNVTV
 YIRPASPATETVPAFSERTCATVTIGGINIAEALVSKGLATVIRYRQDDDQRSSHYDELLAAEARAIKNG
 KGLHSHKKEVPIHRVADISGDTQKAKQFLPFLQRAGRSEAVVEYVFGSRLKLYLPKETCLITFLLAGIEC
 PRGARNLPLVQEGEPFSEELFTKELVLQREVEVEVESMDKAGNFIGWLHMDGANLSVLLVEQALSKV
 HFTAERSAYYKPLLSAEEAAKQRKEKVAHYEERPVEEVMPVLEEKERSASYKPVFTEITDDLHFVYQD
 VETGTQLEKLMENMRNDISSHPVEGSYAPRRGEFCIAKFDVGEWYRARVEKVESPAKVHVYIDYGNRE
 ILPSTRGLTLPAPFSTRVLPQAQATEYAFQVQDEEDARTDAVDSVVRDIQNTQCLLNVEHLSASCPHV
 TLQFADSKGDVGLGLVKEGLMVEVRKEKQFQKVITEYLNAQESAKSARLNLRWYGDFRADDADEFYYSR

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	102.1 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.



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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:	<u>NP_062750</u>
Locus ID:	56463
UniProt ID:	<u>Q78PY7</u>
RefSeq Size:	3482
Cytogenetics:	6 A3.3
RefSeq ORF:	2733
Synonyms:	AL033314; Tudor-SN
Summary:	Endonuclease that mediates miRNA decay of both protein-free and AGO2-loaded miRNAs (By similarity). As part of its function in miRNA decay, regulates mRNAs involved in G1-to-S phase transition (By similarity). Functions as a bridging factor between STAT6 and the basal transcription factor (By similarity). Plays a role in PIM1 regulation of MYB activity (By similarity). Functions as a transcriptional coactivator for STAT5 (PubMed:12819296). [UniProtKB/Swiss-Prot Function]