

## Product datasheet for TP510942

### Dsc2 (NM\_013505) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse desmocollin 2 (Dsc2), transcript variant Dsc2b, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210942 representing NM_013505 Red=Cloning site Green=Tags(s)

MAAVGSMRSGSPAFGLGHLLTLAILALASDACKEVWLQVPSELPAEKVGRVNLMDCLKSADIVHLSDDP  
FQVLEDGSVYTTSSVLSGQRSFTIWLFDSTDSQEEREISVHLEGPVEVLNKRPHTEKVLSSRAKRRWAPI  
PCSMLENSLGPFLFLQQIQSDTAQNYTIYSIRGPGVDKEPLNLFYVERDTGNLYCTGRVDREQYESFE  
LTAFAATPDGYTPEYPLPLLIKIEDENDNYPIFTQKLYSFTVQENSRIQSIVGEVCATDLDEPDTMHTRL  
RYSILEQSPSPMLFTMHPSTGVITTTSAQLDRELIDKYQLLIKVDMDGQYFGLHTTAKCIITIEDVND  
NLPTFTRTTYVTSVEENTVNVEILRLTVQDKDLVNSPNWRANYTILKGNENGNFKIVTDPKTNEGILCVI  
KPLDYEERQQVTLQIGVNEAPYTREASSKSPMSTATVTVTNQDEGPECIPPMQTVRIQENVPVGRN  
DGYKAYDPETRSSSGIRYRKLSDPRGWVTVNEDSGSITIFRALDREAETVRNGIYNITVLALDADGRSCT  
GTLGIILEDVNDNGPFIPKQTVVICKATMSSAEIVAVDLDPPVNGPPDFDFSLESSDSEVQRMWRLTRIND  
TAARLSYQNDPSFGSYAVPIRVTDRLGLSSVTTLNVLVDCITESDCTLRSGERTGYADVRLGPWAILAI  
LLGIALLFILFTLVCSVSRASKQKILPDDLAQQNLIVSNTEAPGDDKVYSTNGLTTQTMGASGQTAFT  
TMGTGVKSGGQETIEMVKGQQLDSRRGAGYHHHTLDPCRGGHVEVDNYRHTYSEWYNFIQPRLGDETI  
RGHTLIKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	94.4 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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<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_038533</a>
<b>Locus ID:</b>	13506
<b>UniProt ID:</b>	<a href="#">P55292</a> , <a href="#">Q544V1</a>
<b>RefSeq Size:</b>	4416
<b>Cytogenetics:</b>	18 11.14 cM
<b>RefSeq ORF:</b>	2544
<b>Synonyms:</b>	AW228162; Dsc
<b>Summary:</b>	<p>This gene encodes a member of the desmocollin protein subfamily. Desmocollins are cadherin-like transmembrane glycoproteins that are major components of the desmosome. Desmosomes are cell-cell junctions that help resist shearing forces and are found in high concentrations in cells subject to mechanical stress. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]</p>