

## Product datasheet for **TP525131**

### Dysf (NM\_021469) Mouse Recombinant Protein

#### Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse dysferlin (Dysf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T



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Expression cDNA >MR225131 representing NM\_021469  
 Clone or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MLCCLLARASNLPNVKKDRRSDPVASLIFRGGVKKRTKVIKNSVNPVWNEGFEWDLKGIPLDQSSSELLVW  
 KDHEMGRNRFLGEAKIPLQEVLATPSLSASFNAPLLDAKQOPTGASLVLQVSYTPPPGAVPLFPPPPASL  
 APSPTLPDMDLVPGGGQSRAETWSLLSDSTMDTRYSGKKWPVPTDTGGEEDEDQGLTGDEAEPFLDQSA  
 AVGPGGPTTPRKPPSHPPHYPGAKRKRSSAPPRKLLSDKPDQDFQIRVQVIEGRQLPGVNIKPVVKVTA  
 GQTKRTRIQKGN SPLFNETLFFNVFDSPLELDFEPIFITVVD SRSRLRTDALLGGEFRMDVGT VYREPRHAY  
 LRKWL LLSDPDDFSAGARGYLKASLCVLGPGDEAPLDDKDPSEDKEDIEGNLLRPTGVALRGAHFCLKLF  
 RAEDLPQMDDAVMDNVKQIFGFDSNKKNLVDPFVEVSFAGKMLCSKILEKTANPQWNQNTLPAMFPSMC  
 EKMIRIRVMDWDR LTHNDTVATTYLGMSKISATGGEIEVDDNLGFLPTFGPCYVNL YGSPREFTGFDPYA  
 ELNTGKGEVAYRGRVLLSLETKLVEHSEQVEDLPADDILRVEKYLRRRKYSLFAAFYSATMLQDVEDDA  
 IQFEV SIGNYGNKFDTTCLPLASTTQYSRAVFDGCHYYYYLPWGNV KPVVWLSSY WEDISHRIEIQNQLLR  
 VADRLEANLEQVHLALKAQCSESDVDALVAQLTDELLADCSQPLCDIHEIPSATHLDQYLLRLRTRHLSQ  
 IKEAAALKLGHSELSTALEQAEDWLLHLRALAEEPQNSLPDIIWMLQGDKRVAYQRVPAHEVLF SRRG  
 PSYCGRNCGKLQ TIFLKYPMEGMPGARMVQIRIKLWFGLSVDEKEFNQFAEGKLSVFAETYENQTKLAL  
 VGNWGT TGLTYPKFS DVTGKIKLPKDSFRPSAGWAWAGDWFCPEK TLLHDADAGHLSFVEEVFENQTRL  
 PGGQWIYMSDNYTDVNGEKVLPKDDIECLPGWKWEDEEWSTDLNRAVDEQGW EYSITIPDRKPKHWPV  
 EKMYTHRRRRWVRLRRRDL SQMEALKRHRQAEAE GEGWEYASLFGWKFHLEYRKTDAFRRRRWRRRRMEP  
 LEKTGPAAVFALEGALGGMVDDKSEDSMSVSTLSFGVNRPTISCFDYG NRYHLRCYLYQARDLPAMDKD  
 SFSDPYAIVSFLHQSQKT VVEKNTLNPTWDQTLIFYEIEIFGEPASIAEHPPCIVVELYDHD TYGADEFM  
 GRCICQPSLERMPRLAWFPLTRGSQPAGELLA AAFELIQREKPAIH HIPGFEMHETSRI LDEDEDTL PYP  
 PPQREANIYMPQNIK PALQRTAIEILAWGLRNMKSYQMASISSPSLVVECGGQTVQSCVIRNL RKNPNF  
 DVCTLFMEVMLPREDLYCPPIVVKVIDNRQFGRRPVVGQCTIR SLENFLCDPYSAES PSPQGGPDDV SLL  
 SPGEDVLIDIDDKEPLIPVQEEEFIDWWSKFFASVGEREKCSY LEKDFDTLKVYDTQLENVEAFGGLS D  
 FCNTFKLYRGRTQEETDDPSVIGEFKGLFKIYLPEDPAIPMPPRQFHQLAAQGPQECLVRIYVRAFGL  
 QPKDPNGKCDPYIKISIGKKSVDQDNYIPCTLEPVFGKMFELTCTLPLEKDLKITLYDYDLLSKDEKIG  
 ETVIDLENRLLSKFGARCLPQTYCVSGPNQWRDQLRPSQLLHLFCQQHRIKAPVYRTDRVTFQDKDYTI  
 EEIEAGRLPNPHLGPVEERLALHVLQQQLVPEHVESRPLYSPLQPDIEQGK LQMWIDIFPKVLGRPGPP  
 FNITPRKARRFFLR CIWNTKDVILDDSLTGEKMSDIYVKGWMVGFEEHKQKTDVHYRSLGGEGNFNWR  
 FVFPFDYLPAEQVCAVAKKDAFWRLDKTESKIPARVVFQIWDNDKFSFDDFLGSLQLDLNRMPKPAKTA E  
 KCSLDQLDDTFHPEWVSLFEQKTVKGWVPCVTEEGEKMLAGKLEMTLEIVA ESEHEERPAGQGRDEPN  
 MNPKLEDPRRPDTSFLWFTSPYKTMKFILWRRFRCAIILFIILFILLFLGVFVYAFP NYAAMKLVKPF R

**TRTRPLEQKLI SEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK  
**Predicted MW:** 239.7 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

<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<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_067444</a>
<b>Locus ID:</b>	26903
<b>UniProt ID:</b>	<a href="#">Q9ESD7</a>
<b>RefSeq Size:</b>	6643
<b>Cytogenetics:</b>	6 36.14 cM
<b>RefSeq ORF:</b>	6300
<b>Synonyms:</b>	2310004N10Rik; AI604795; D6Pas3
<b>Summary:</b>	Key calcium ion sensor involved in the Ca(2+)-triggered synaptic vesicle-plasma membrane fusion. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress. [UniProtKB/Swiss-Prot Function]