

## Product datasheet for **TP511275**

### Itih2 (NM\_010582) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse inter-alpha trypsin inhibitor, heavy chain 2 (Itih2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR211275 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MQRPVCLLIWLFLEAQAFEIPINGNSEFAEYSDLVELAPDKLPFVQENGRHQRSLPESGEETDTPV  
TLYSYKVQSTITSRVATTTIQSKLVNNSPLPQSVFVDVQIPKGAFISNFTMTVNGMTFTSSIKEKTVGRA  
LYSQARAKGKTAGWVRSRTLDMENFNTEVNIPPQAKVQFELHYQEVKWRKLGSEYEHKIHLQPGKLAKHLE  
VNVWIMEPQGMRFHVPDTFEGHFQGVVISKGGQKAHVSKPTVAQQRKCPNCTETAVNGELVVMYDVN  
REEKAGELEVFNGYFVHFFAPENLDPIPKNILFVIDVSGSMWGKMKQTVEAMKILDDLRDQFQSVWD  
FNHNVRTWRNDLVSATKTQIADAKRYIEKIQPSGGTNINEALLRAIFILNEASNMGLLNPDSVSLIILVS  
DGDPTVGELKLSKIQKNVKQSIQDNISLFSLGIGFDVDYDFLKRSLNENRGIAQRIYGNQDTSSQLKQFY  
NQVSTPLLRNVQFNYPQASVTDVTQNNFNHYFGGSEIVVAGKFDPSKLTVEQSIITATSANTELVLVLETL  
QMDDLEEFSLKDKHADPDTFKKLWAYLTINQLLAERSLAPTAIIRKIKITLQMSLDHHIVTPLTAMVI  
ENDAGDERMLADSPQDHSCCSGALYYGTVASGPIPSWANPSPTPMSAMLAVGAKPLESTPPTHLNQVE  
NDPHFIIYLPKSKRNICFNIDSEPGKILSLVSDPESGIVVNGQLIGAKRAENGLSTYFGKLGFFYQKEG  
MKIEISTETITLSSGSSTSRLSWSDTAHLGNSRVLISVKKEKSVTLTLNKLFFSVLLHRVWRKHPVNV  
FLGIYAPPIDKFSPRVHGLLGQFMQEPAIHIFNERPGKEPKPEASMEVKGHKLTVTRGLQKDYRTDIVF  
GTDVPCWFVHNSGKGFIDGHYKDYFVFPQLYSFLKRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	105.9 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



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<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_034712</a>
<b>Locus ID:</b>	16425
<b>UniProt ID:</b>	<a href="#">Q61703</a>
<b>RefSeq Size:</b>	3139
<b>Cytogenetics:</b>	2 6.89 cM
<b>RefSeq ORF:</b>	2841
<b>Synonyms:</b>	AI747202; Intin2; Itih-2
<b>Summary:</b>	May act as a carrier of hyaluronan in serum or as a binding protein between hyaluronan and other matrix protein, including those on cell surfaces in tissues to regulate the localization, synthesis and degradation of hyaluronan which are essential to cells undergoing biological processes.[UniProtKB/Swiss-Prot Function]