

Product datasheet for MC202311

Htra2 (NM_019752) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htra2 (NM_019752) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Htra2
Synonyms:	Al481710; mnd2; Omi; Prss25
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC049880 sequence for NM_019752
 CTGGAGAGGAGCGCTCCTGACGGGACTACGTTTCCC GG CATGCGCTGAACAGCTACCGTCGTGCCCTGC
 TTCTCCTAGACCGCTTGCCGGGTTCTAGAGGACCGCCTCTGAGTAGGGCGGGCGAGGAGATCGAGGCGG
 AGCTGATGGCTGCGCTGAAAGCGGGGCGGGGTGCAAACTGGAGCCTTCGGGCATGGCGGGCTTTGGGGG
 CATCTTCTGGAGGAAGCCTCCCCGTGTTAGCTCCTGACCTCCGGGCTCTGCTGACGTCAGGAACCTCTGAC
 TCTCAGATCTGGATGACTTATGGGACCCCCAGTCTCCCGCCAGGTGCCTGAGGGGTTCCCTGCATCAC
 GGGCAGATCTGACGCTAGGACCCCGATCTCTGGGCACGATTGAATGTGGGGACTTCAGGCTCCAGTGA
 CCAGGAGGCCCGCAGGAGCCCTGGAAGCCGTGGCGCAATGGCTGGCGGTGGCGGTGGGCGCAGGAGGT
 GCAGTGGTGTGCTGTTGTGGGGTTGGGGTCCGGGCTTTCCACGGTGTGGCTGCTGTTCTGCTCCGC
 CACCCACTTCTCCCGGAGCCAGTACAATTTTCATCGCAGATGTGGTGGAGAAGACAGCCCTGCTGTGGT
 CTATATCGAGATCCTAGACCGGCACCCTTCTCCGGCCGTGAAGTCCCCATCTCAAACGGATCAGGATTC
 GTAGTGGCTTCAGATGGGCTCATCGTTACCAACGCCACGTGGTGGCTGATCGGCCCGAGTACGAGTGA
 GGCTGCCTAGCGGGGATACTTATGAGGCCATGGTACAGCTGTGGATCCCGTAGCAGACATTGCCACACT
 GAGGATTCAAACCAAGGAGCCTCCTCCACACTGCCCTCGGCCGCTCTGCTGATGTCCGGCAAGGGGAG
 TTTGTTGTTGCCATGGGAAGCCCTTTCAGCTGCAGAACACGATCACATCTGGTATTGTGACGCTCTGCTC
 AGCGCCAGCCAGGACCTGGGACTCCCTCAAACAACGTGGAATACATTAGACCGATGACGCTATTGA
 TTTTGGAAATTCGGTGGTCCCCTGGTTAACCTGGATGGGGAGGTGATTGGAGTGAACACCATGAAGGTG
 ACAGCTGGAATCTCCTTTGCCATCCCTTCTGATCGCCTTAGGGAGTTTCTGCATCGCGGGGAAAAAGAAA
 ATTCCTGGTTTGAACCAAGTGGTCCCAGCGCCGCTACATTGGAGTGTGATGACTGACCCGACTCCCG
 CATCCTTATTGAACTACAGCTCCGTGAGCCAAGCTTCCCTGATGTTGAGCATGGTGTCTCATTCAAAA
 GTTATCCTGGGCTCCCCGCACACAGGGCTGGTCTGCGGCCTGGTGTGATGATCTTGCCATTGGGAGGA
 AATTGGCACAAAAATGCTGAAGATGTTTATGAAGCTGTTGAAACCAATCACAGCTGGCAGTGCAGATCCG
 GCGCGGATCAGAGACTGATCTTATATGTGACCCCGAGGTCACAGAATGAATGACTGGACCGCAAGA
 GTGTGAAGCTCTTGCCCTGATCTCCTTCTGCTTCTAGCCTAGGTTCTGAGTGCATGTGGGTAGAGGA
 GGAGTCAGTGAACCTGCGGAGGGCAAGTCCCTTAACCGTGCATCAGTCTGGGCTCCGAAGAACACAT
 TTTATATAAAAATAAAATTATACCTAGCAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_019752
Insert Size:	1377 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC049880 , AAH49880
RefSeq Size:	1722 bp
RefSeq ORF:	1377 bp
Locus ID:	64704
UniProt ID:	Q9JIY5
Cytogenetics:	6 35.94 cM
Gene Summary:	Serine protease that shows proteolytic activity against a non-specific substrate beta-casein. Promotes or induces cell death either by direct binding to and inhibition of BIRC proteins (also called inhibitor of apoptosis proteins, IAPs), leading to an increase in caspase activity, or by a BIRC inhibition-independent, caspase-independent and serine protease activity-dependent mechanism. Cleaves THAP5 and promotes its degradation during apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]