

Product datasheet for **RG214658**

Enterokinase (TMPRSS15) (NM_002772) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Enterokinase (TMPRSS15) (NM_002772) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Enterokinase
Synonyms:	ENTK; PRSS7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG214658 representing NM_002772 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGGGTCGAAAAGAGGCATATCTTCTAGGCATCATTCTCTCAGCTCCTATGAAATCATGTTTGAGCTC
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GCATTGGATGACATTAGCCTAACATATGGGATTTGCAATGGGAGTCTTTATCCAGAACCAACTTTGGTGC
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG214658 representing NM_002772
 Red=Cloning site Green=Tags(s)

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 PDGSDENKMCATVCDGRFLLTGSSGSFQATHYKPKSETSVVCQWIIRVNQGLSIKLSFDDFNTYYTDIL
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 DGF CFVWQDLNDDNEWERI QGSTFSPFTGPNFDHTFGNASGFYISTPTGPGGRQERVGLLSLPLDPTLEP
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 ALDDISLTYGICNGSLYPEPTLVPTPPPELPTDCGGPFELWEPNTTFSSTNFPNSYPNLAF CVWILNAQK
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 SCGKKLAAQDITPKIVGGSNAKEGAWPVVYGLYGGRLLCGASLVSSDWLVSAAHCVYGRNLEPSKWTAI
 LGLHMKSNLTSPQTVPRLLIDEIVINPHYNRRRKDNDIAMMHLEFKVNYTDYIQPICLPEENQVFPGRNC
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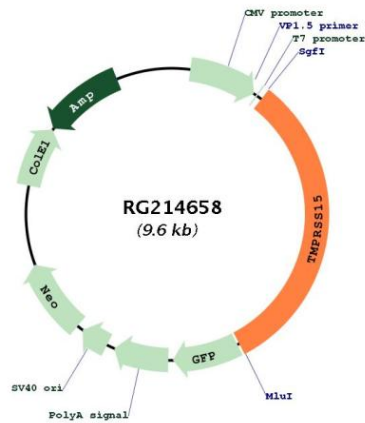
TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

RefSeq ORF: 3060 bp
Locus ID: 5651
UniProt ID: [P98073](#)
Cytogenetics: 21q21.1
Protein Families: Druggable Genome, Transmembrane
Gene Summary: This gene encodes an enzyme that converts the pancreatic proenzyme trypsinogen to trypsin, which activates other proenzymes including chymotrypsinogen and procarboxypeptidases. The precursor protein is cleaved into two chains that form a heterodimer linked by a disulfide bond. This protein is a member of the trypsin family of peptidases. Mutations in this gene cause enterokinase deficiency, a malabsorption disorder characterized by diarrhea and failure to thrive. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG214658