

Product datasheet for SC307728

ITIH6 (NM_198510) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ITIH6 (NM_198510) Human Untagged Clone
Tag:	Tag Free
Symbol:	ITIH6
Synonyms:	dj14O9.1; ITIH5L; UNQ6369
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307728 representing NM_198510. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGTCTGGGTGGAGGTACCTCATCTGTGTGAGCTTTTGTGACCATCTTCTTGAAGTACATACCAAG
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGCG

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Restriction Sites: SgfI-MluI

ACCN: NM_198510

Insert Size: 3942 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	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:	NM_198510.2
RefSeq Size:	4985 bp
RefSeq ORF:	3942 bp
Locus ID:	347365
UniProt ID:	Q6UXX5
Cytogenetics:	Xp11.22
MW:	143.2 kDa
Gene Summary:	The protein encoded by this gene belongs to the interalpha trypsin inhibitor heavy chain (ITIH) family. Interalpha trypsin inhibitor (ITI) is composed of two heavy chains (containing VWA domain) and one light chain. The light chain confers the protease-inhibitor function, while the heavy chains are involved in mediating protein-protein interactions with the components of the extracellular matrix. [provided by RefSeq, Sep 2009]