SEC11A cDNA Clone – SEC11 Homolog A (S. Cerevisiae) (Human)

PRODUCT OVERVIEW

Product Name	SEC11A, cDNA Clone
Full Product Name	SEC11A cDNA Clone
Product Gene Name	SEC11A cdna clone
Sequence	atgctgtctc tagacttttt ggacgatgtg cggcggatga acaagcggca gctctattat caagtcctaa attttggaat gattgtctca tcggcactaa tgatctggaa ggggttaatg gtaataactg gaagtgaaag tccgattgta gtggtgctca gtggcagcat ggaacctgca tttcatagag gagatcttct ctttctaaca aatcgagttg aagatcccat acgagtggga gaaattgttg tttttaggat agaaggaaga gagattccta tagttcaccg agtcttgaag attcatgaaa agcaaaatgg gcatatcaag tttttgacca aaggagataa taatgcggtt gatgaccgag gcctctataa acaaggacaa cattggctag agaaaaaaga tgttgtgggg agagccaggg gatttgttcc ttatattgga attgtgacga tcctcatgaa tgactatcct aaatttaagt atgcagttct ctttttgctg ggtttattcg tgctggttca tcgtgagtaa
Molecular Weight	18,988 Da
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SEC11A cdna clone	MBS1274291 is a cDNA clone targeting SEC11A.
Other Notes	Small volumes of SEC11A cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SEC11A. It may not necessarily be applicable to this product.

NCBI GI #	15680287
NCBI GeneID	23478
NCBI Accession #	BC014508
UniProt Secondary Accession #	O75957; P21378; Q53FQ8; B2RAD7; B4DUL4; H0YK72; H0YK83
UniProt Related Accession #	P67812
NCBI Official Full Name	Homo sapiens SEC11 homolog A (S. cerevisiae), mRNA
NCBI Official Synonym Full Names	SEC11 homolog A, signal peptidase complex subunit
NCBI Official Symbol	SEC11A
NCBI Official Synonym Symbols	SPC18; SPCS4A; SEC11L1; sid2895; 1810012E07Rik
UniProt Protein Name	Signal peptidase complex catalytic subunit SEC11A
UniProt Synonym Protein Names	Endopeptidase SP18; Microsomal signal peptidase 18 kDa subunit; SPase 18 kDa subunit; SEC11 homolog A; SEC11-like protein 1; SPC18
Protein Family	Signal peptidase complex
UniProt Gene Name	SEC11A
UniProt Synonym Gene Names	SEC11L1; SPC18; SPCS4A; SPase 18 kDa subunit

UniProt Entry Name	SC11A_HUMAN
NCBI Protein Information	signal peptidase complex catalytic subunit SEC11A
NCBI Summary for SEC11A	This gene encodes a member of the peptidase S26B family. The encoded protein is an 18kDa subunit of the signal peptidase complex and has been linked to cell migration and invasion, gastric cancer and lymph node metastasis. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 8. [provided by RefSeq, Dec 2012]
UniProt Comments for SEC11A	SEC11A: Component of the microsomal signal peptidase complex which removes signal peptides from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum. Belongs to the peptidase S26B family. Protein type: Protease; Membrane protein, integral; EC 3.4.21.89 Chromosomal Location of Human Ortholog: 15q25.3 Cellular Component: endoplasmic reticulum membrane
Research Articles on SEC11A	**1.** SPC18 contributes to malignant progression through promotion of TGF-alpha secretion in gastric cancer.
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