

# Recombinant Full Length Human TBC1D23 Protein, GST tagged

Cat. No. TBC1D23-11HFL    Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Human TBC1D23 full-length ORF ( AAH20955.1, 1 a.a. - 547 a.a.) recombinant protein with GST-tag at N-terminal.

### Species

Human

### Source

Wheat germ cell free in vitro

### ProteinLength

1-547 aa

### Description

Involved in brain development; retrograde transport, endosome to Golgi; and vesicle tethering to Golgi. Located in WASH complex; cytoplasmic vesicle; and trans-Golgi network. Implicated in pontocerebellar hypoplasia type 11.

### AASequence

MNKYIPRDCSQKGRPFHLFRLLIQYHEPELCSYLDTKKITPDSYALNWLGSLFACYCS  
 TEVTQAIWDGYLQQADPFFIYFLMLIILVNAKEVILTQESDSKEEVKFLNTPSSLNIE  
 DIEDLFLSLAQYYCSKTPASFRKDNHHLFGSTLLGIKDDDADLSQALCLAISVSEILQAN  
 QLQGEVRRFFVVDRCRPAEQYNAGHLSTAFHLSDMLQNPSEFAQSVKSLLEAQK  
 QSIESGSIAGGEHLFCFMGSGREEEDMYMNMVLAHFLQKNKEYVSIASGGFMALQQ  
 HLADINVDGPENGYGHWIASTSGSRSSINSVDGESPNGSSDRGMKSLVNKMTVALK  
 TKSVNVREKVISFIENTSTPVDRMSFNLPWPDRSCTERHVSSSDRVGKPYRGVKPV  
 FSIGDEEEYDTDEIDSSSMSDDDRKEVVNIQTWINKPDVKHHFPCKEVKESGHMFPS  
 HLLVTATHMYCLREIVSRKGLAYIQRQALNSVVKITSKKKHPELITFKYGNSSASGIEI  
 LAIERYLIPNAGDATKAIKQQIMKVLDALES

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<b>Molecular Mass</b>	87.8 kDa
<b>Application</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Note</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	TBC1D23 TBC1 domain family member 23 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TBC1D23
<b>Synonyms</b>	TBC1D23; TBC1 domain family member 23; PCH11; NS4ATP1; TBC1 domain family member 23; HCV non-structural protein 4A-transactivated protein 1; HCV nonstructural protein 4A-transactivated protein 1
<b>Gene ID</b>	55773
<b>mRNA Refseq</b>	NM_018309
<b>Protein Refseq</b>	NP_060779
<b>MIM</b>	617687
<b>UniProt ID</b>	Q9NUY8

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