

Recombinant Human WTAP Protein (Met1-Asp150), His tagged

Cat. No. WTAP-6710H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human WTAP (Met1-Asp150) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asp150
Description	Wilms' tumor 1-associating protein (WTAP) was previously identified as a protein associated with Wilms' tumor-1 (WT-1) protein that is essential for the development of the genitourinary system. WT1 was originally identified as a tumor suppressor for Wilms' tumor, but it is also overexpressed in a variety of cancer cells. The WTAP-WT1 axis in vascular cells suggest that WTAP is a vital and multifaceted regulator of vascular remodeling. WTAP has been suggested to function in alternative splicing, stabilization of mRNA, and cell growth. Knocking down endogenous WTAP increased Smooth muscle cells (SMCs) proliferation, because of increased DNA synthesis and G (1)/S phase transition, together with reduced apoptosis.
Form	Lyophilized powder/frozen liquid
Molecular Mass	19.97 kDa
Purity	> 90 % as determined by SDS-PAGE

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.6.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	WTAP Wilms tumor 1 associated protein [Homo sapiens (human)]
Official Symbol	WTAP
Synonyms	WTAP; Wilms tumor 1 associated protein; pre-mRNA-splicing regulator WTAP; KIAA0105; MGC3925; hFL (2)D; PNAS-132; WT1-associated protein; female-lethal (2)D homolog; wilms tumor 1-associating protein; Wilms tumour 1-associating protein; putative pre-mRNA splicing regulator female-lethal (2D); DKFZp686F20131;
Gene ID	9589
mRNA Refseq	NM_004906
Protein Refseq	NP_004897
MIM	605442

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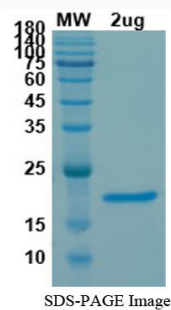
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UniProt ID

Q15007

SDS-PAGE



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