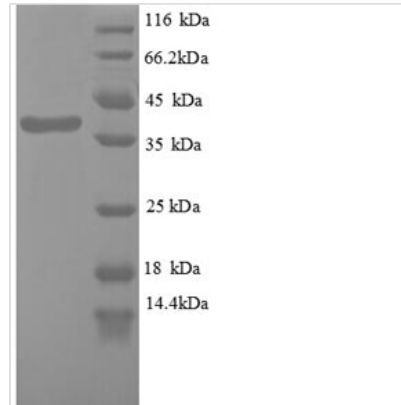




Recombinant Human Wilms tumor protein (WT1), partial

Product Code	CSB-EP026158HU1
Relevance	Transcription factor that plays an important role in cellular development and cell survival. Regulates the expression of numerous target genes, including EPO. Plays an essential role for development of the urogenital syst. Recognizes and binds to the DNA sequence 5'-CGCCCCCGC-3'. It has a tumor suppressor as well as an oncogenic role in tumor formation. Function may be isoform-specific: isoforms lacking the KTS motif may act as transcription factors. Isoforms containing the KTS motif may bind mRNA and play a role in mRNA metabolism or splicing. Isoform 1 has lower affinity for DNA, and can bind RNA.
Abbreviation	Recombinant Human WT1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P19544
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEKGYSTVTFDGTSPSYGHTPSHHAAQFPNHSFKHEDPMGQQGSLGEQQYSV PPPVYGCHTPTDSC TGSQALLLRTPYSSDNLYQMTSQLECM TWNQMNLGAT LKGVAAGSSSSVKWTEGQSNHSTGYESDNHTTPI LCGAQYRIH THGVFRGIQ DVR RVPGVAPTLVRSASETSEKRPFMCA YPGCNKRYFKLSHLQMHSRKHTGE KPYQCDFKDCERRFSRSDQLKRHRQRHTGVKPFQCKTCQRKFSRSDHLKTH TRTHTGEKPFSCRWPSCQKKFARSDELVRHHNMHQ RNMTKLQ
Source	E.coli
Target Names	WT1
Expression Region	1-299aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	38.2kDa
Protein Length	Partial?of?Isoform?6
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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