

Recombinant Human WT1 protein, His-SUMO-tagged

Cat. No. WT1-3769H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WT1 protein(P19544)(1-449aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-449aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	65.2 kDa
AA Sequence	<p>MGSDVRDLNALLPAVPSLGGGGGCALPVSGAAQWAPVLDFAPPGASAYGSLGGPA PPPAPPPPPPPPHSFIKQEPSWGGAEPEEQCLSAFTVHFSGQFTGTAGACRYG PFGPPPSQASSGQARMFPNAPYLPSICLESQPAIRNQQGYSTVTFDGTPSYGHTPSH HAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPVYGCHTPTDSTGSQLLLRTPY SSDNLYQMTSQLECMWNQMNLGATLKGVAAGSSSSVKWTEGQSNHSTGYESDN HTTPILCGAQYRIHTHGVFIRGIQDVRVPGVAPTLVRSASETSEKRPFMCAYPGCNK RYFKLSHLQMHSRKHTGEKPYQCDFKDCERRFSRSDQLKRHRRTHTGVKPFQCKT CQRKFSRSDHLKTHTRTHTGKTSEKPFSCRWPSCQKKFARSDELVRHHNMHQRN MTKLQLAL</p>

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	WT1 Wilms tumor 1 [Homo sapiens]
Official Symbol	WT1
Synonyms	WT1; Wilms tumor 1; GUD; Wilms tumor protein; AWT1; WAGR; WIT 2; amino-terminal domain of EWS last three zinc fingers of the DNA-binding domain of WT1; WT33; NPHS4; WIT-2; EWS-WT1;
Gene ID	7490
mRNA Refseq	NM_000378
Protein Refseq	NP_000369
MIM	607102
UniProt ID	P19544

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