

**PRODUCT INFORMATION**

<b>Target</b>	SP1
<b>Synonyms</b>	N/A
<b>Description</b>	Purified recombinant protein of Human Sp1 transcription factor (SP1), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
<b>Delivery</b>	1 week
<b>Uniprot ID</b>	P08047
<b>Expression Host</b>	E. coli
<b>Tag</b>	N-His
<b>Molecular Characterization</b>	N/A
<b>Molecular Weight</b>	80.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Formulation &amp; Reconstitution</b>	50mM Tris,8M Urea,pH8.0.
<b>Storage &amp; Shipping</b>	Store at -80°C.
<b>Background</b>	The protein encoded by this gene is a zinc finger transcription factor that binds to GC-rich motifs of many promoters. The encoded protein is involved in many cellular processes, including cell differentiation, cell growth, apoptosis, immune responses, response to DNA damage, and chromatin remodeling. Post-translational modifications such as phosphorylation, acetylation, glycosylation, and proteolytic processing significantly affect the activity of this protein, which can be an activator or a repressor. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2014]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

