

Recombinant Human SP9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SP9-1988H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SP9 MS Standard C13 and N15-labeled recombinant protein (NP_001138722) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Transcription factor which plays a key role in limb development. Positively regulates FGF8 expression in the apical ectodermal ridge (AER) and contributes to limb outgrowth in embryos.
Molecular Mass	48.7 kDa
AA Sequence	MATSILGEEPRFGTTPLAMLAATCNKIGNTSPLTTLPESSAFAKGGFHPWKRSSSSC NLGSSLSGFAVATGGRGSGGLAGGSGAANSFAFCLASTSPTSSAFSSDYGGFLFSNS AAAAAAAAGVSPQEAGGQSAFISKVHTTAADGLYPRVGMHPYESWYKSGFHSTL AAGEVTNGAASSWWDVHSSPGSWLEVQNPAGGLQSSLHSGAPQASLHSQLGTYN PDFSSLTHSAFSSTGLGSSAAAASHLLSTSQHLLAQDGFKPVLPYSYDSSAAVAAAA ASAMISGAAAAAAGGSSARSARRYSGRATCDCPNCQEAERLGPAGASLRRKGLHS CHIPGCGKVYGKTSHLKAHLRWHTGERPFVCNWLFCGKRFTSRDELQRHLRHTTG EKRFACPVCNKRFMRSDHLSKHIKTHNGGGGGKKGSDSDTDASNLETPRSESPDLI LHDSGVSAARAAAAAAAAAAAAAAAAASAGGKEAASGPNDSTRTRPLEQKLISEEDL AANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

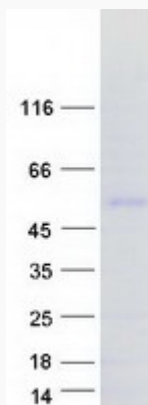
GENE INFORMATION

Gene Name	SP9 Sp9 transcription factor [Homo sapiens (human)]
Official Symbol	SP9
Synonyms	SP9; Sp9 transcription factor; ZNF990; transcription factor Sp9; Sp9 transcription factor homolog; zinc finger protein 990
Gene ID	100131390
mRNA Refseq	NM_001145250
Protein Refseq	NP_001138722
UniProt ID	P0CG40

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SDS-PAGE

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