Recombinant Human Protein Wnt-9a (WNT9A)

Product Code	CSB-YP026145HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14904
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	Y FGLTGSEPLT ILPLTLEPEA AAQAHYKACD RLKLERKQRR MCRRDPGVAE TLVEAVSMSA LECQFQFRFE RWNCTLEGRY RASLLKRGFK ETAFLYAISS AGLTHALAKA CSAGRMERCT CDEAPDLENR EAWQWGGCGD NLKYSSKFVK EFLGRRSSKD LRARVDFHNN LVGVKVIKAG VETTCKCHGV SGSCTVRTCW RQLAPFHEVG KHLKHKYETA LKVGSTTNEA AGEAGAISPP RGRASGAGGS DPLPRTPELV HLDDSPSFCL AGRFSPGTAG RRCHREKNCE SICCGRGHNT QSRVVTRPCQ CQVRWCCYVE CRQCTQREEV YTCKG
Source	Yeast
Target Names	WNT9A
Protein Names	Recommended name: Protein Wnt-9a Alternative name(s): Protein Wnt-14
Expression Region	30-365
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It is expressed in gastric cancer cell lines. This protein shows 75% amino acid identity to chicken Wnt14, which has been shown to play a central role in initiating synovial joint formation in the chick limb. This gene is clustered with another family member, WNT3A, in the chromosome 1q42 region.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
Shelf Life	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.