



Recombinant Human Forkhead box protein H1 (FOXH1)

Product Code	CSB-EP008817HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75593
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGPCSGSRLG PPEAESPSQP PKRRKKRYLR HDKPPYTYLA MIALVIQAAP SRRLKLAQII RQVQAVFPFF REDYEGWKDS IRHNLSSNRC FRKVPKDKPAK PQAKGNFWAV DVSLIPAEAL RLQNTALCRR WQNGGARGAF AKDLGPYVLH GRPYRPPSPP PPPSEGFSIK SLLGGSGEGA PWPGLAPQSS PVPAGTGNSG EEAVPTPLP SSERPLWPLC PLPGPTRVEG ETVQGGGAI GP STLSPEPRAW PLHLLQGTA V PGGRSSGGHR ASLWGQLPTS YLPIYTPNVV MPLAPPPTSC PQCPSTSPAY WGVAPETRGP PGLLCDLDAL FQGVPPNKSI YDVVWVSHPRD LAAPGPGWLL SWCSL
Source	E.coli
Target Names	FOXH1
Protein Names	Recommended name: Forkhead box protein H1 Alternative name(s): Forkhead activin signal transducer 1 Short name= Fast-1 Short name= hFAST-1 Forkhead activin signal transducer 2 Short name= Fast-2
Expression Region	1-365
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 protein
Target Details	FOXH1 encodes a human homolog of Xenopus forkhead activin signal transducer-1. FOXH1 protein binds SMAD2 and activates an activin response element via binding the DNA motif TGT(G/T)(T/G)ATT.
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.