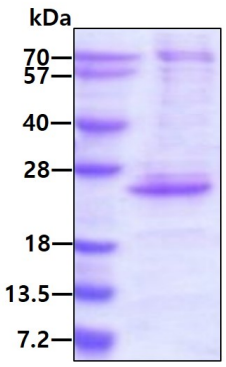
Full-Length

CENPM (Human) Recombinant Protein

Catalog # P7903 Size 50 ug

Applications



SDS-PAGE analysis of CENPM (Human) Recombinant Protein.

Specification

Product Description	Human CENPM (Q9NSP4, 1 a.a. - 180 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMSVLRPLDKLPGLNTATILLVGTEDALLQQLADSMLKEDCA SELKVHLAKSLPLPSSVNRPRIDLIVFVVNLHSKYSLQNTEESLRHVDASFFLGKVCFLATGAGRE SHCSIHRHTVVKLAHTYQSPLLYCDLEVEGFRATMAQRLVRVLQICAGHVPGVSALNLLSLLRSSE GPSLEDL
Host	Escherichia coli
Theoretical MW (kDa)	22.1
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 85% as analyzed by SDS-PAGE.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of CENPM (Human) Recombinant Protein.

Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl buffer, 0.15M NaCl, pH 8.0 (30% glycerol, 1mM DTT)
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CENPM

Entrez GeneID	79019
Protein Accession#	Q9NSP4
Gene Name	CENPM
Gene Alias	C22orf18, CENP-M, MGC861, PANE1, bK250D10.2
Gene Description	centromere protein M
Omim ID	610152
Gene Ontology	Hyperlink
Gene Summary	The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. All active cen tromeres are characterized by the presence of long arrays of nucleosomes in which CENPA (MIM 117139) replaces histone H3 (see MIM 601128). CENPM is an additional factor required for cent romere assembly (Foltz et al., 2006 [PubMed 16622419]).[supplied by OMIM
Other Designations	OTTHUMP00000028741|proliferation associated nuclear element 1

Disease

- Genetic Predisposition to Disease
- Hematologic Diseases
- Occupational Diseases