

Recombinant Human ACTR8, His-tagged

Cat. No. ACTR8-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Actin-Related Protein 8/ACTR8 is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Trp329) of Human ACTR8 fused with a His tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-329 a.a.
Description	Actin-Related Protein 8 (ACTR8) is a member of the Actin family. ACTR8 is the first example in actin family that was found to be associated with mitotic chromosomes. ACTR8 plays a vital role in the functional organization of mitotic chromosomes. This protein is a proposed core component of the chromatin remodeling INO80 complex that is involved in transcriptional regulation, DNA replication and probable DNA repair, and it is required for the recruitment of INO80 (and probably the INO80 complex) to sites of DNA damage.
Form	Supplied as a 0.2 µM filtered solution of PBS, 1mM DTT, pH 7.4
AA Sequence	MNHKVVHHHHHMLMKMGFSGIVVHQESVCATYGSGLSSTCIVDVGDKTSVCCVE DGVSHRNTR IFSWNQDISGLQDHEFQIRHPDSPALLYQFRLGDEKLQAPMALFYPA TFGIVGQKMTTLQHRSQG DPEDPHDEHYLLATQSKQEQAATADRKSASKPIGFE GDLRGQSSDLPERLHSQEVDLGSAQGD GLMAGNDSEEALTALMSRKTAISLFEGK ALGLDKAILHSIDCCSSDDTKKKMYSSILVVGGLMF HKAQEFLQHRILNKMPPSFR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RIIENVDVITRPKDMDPRLIAWKGGAVLACLDTTQELWIYQREWQ RFGVRMLRERA
AFVW

Endotoxin

Less than 0.1 ng/μg (1 IEU/μg).

Purity

Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Storage

Store at Please minimize freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA