

Recombinant Human ACTR8 Protein, His-tagged

Cat. No. ACTR8-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human actin related protein 8(ACTR8)(NM_022899), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	Proposed core component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA reoplication and probably DNA repair. Required for the recruitment of INO80 (and probably the INO80 complex) to sites of DNA damage. Strongly prefer nucleosomes and H3-H4 tetramers over H2A-H2B dimers, suggesting it may act as a nucleosome recognition module within the complex.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.17, without any preservatives.
Molecular Mass	27kD
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

 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

GENE INFORMATION

Gene Name	ACTR8 actin related protein 8 [Homo sapiens (human)]
Official Symbol	ACTR8
Synonyms	ARP8; hArp8; INO80N
Gene ID	93973
mRNA Refseq	NM_022899
Protein Refseq	NP_075050
UniProt ID	Q9H981

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