

[Go to Product page](#)

## Datasheet for ABIN7318125 **ACTR8 Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	ACTR8
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTR8 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human ACTR8 Protein (His Tag)
Sequence:	Met 1-Trp329
Characteristics:	Recombinant Human Actin-Related Protein 8/ACTR8 is produced by our E.coli expression system and the target gene encoding Met1-Trp329 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	ACTR8
Alternative Name:	ACTR8 ( <a href="#">ACTR8 Products</a> )
Background:	Background: 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

## Target Details

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.

Synonym: Actin-Related Protein 8, hArp8, INO80 Complex Subunit N, ACTR8, ARP8, INO80N

Molecular Weight:	38.1 kDa
-------------------	----------

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
---------	-------------

Reconstitution:	Please refer to the printed manual for detailed information.
-----------------	--

Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 1 mM DTT, pH 7.4.
---------	---

Storage:	4 °C, -20 °C, -80 °C
----------	----------------------

Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
------------------	--