

Recombinant Human ACTR8 Protein (His Tag)

Catalog No. PKSH032034

Note: Centrifuge before opening to ensure complete recovery of vial contents.

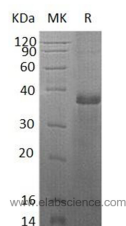
Description

Synonyms	Actin-Related Protein 8; hArp8; INO80 Complex Subunit N; ACTR8; ARP8; INO80N
Species	Human
Expression Host	E.coli
Sequence	Met1-Trp329
Accession	Q9H981-3
Calculated Molecular Weight	38.1 kDa
Observed molecular weight	38 kDa
Tag	N-6His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,1mM DTT,pH7.4.
Reconstitution	Please refer to the printed manual for detailed information.

Data



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 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.

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