

Recombinant Human Zic3 protein (His tag)

Catalog Number:PDEH100321



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

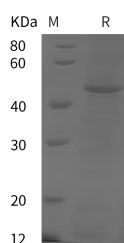
Description

Synonyms	Zinc finger protein ZIC 3;ZIC3;Zinc finger protein 203;Zinc finger protein of the cerebellum 3
Species	Human
Expression Host	E.coli
Sequence	Met 1-Val467
Accession	O60481
Calculated Molecular Weight	51.3 kDa
Observed molecular weight	52 kDa
Tag	N-His & C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
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 sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

ZIC3 (zinc-finger protein of the cerebellum 3) is a 50 kDa (predicted) member of the GLI C2H2-type Zn-finger protein family. It is expressed in cerebellum, and apparently plays a key role in left-right body axis formation. Human ZIC3 is 467 amino acids (aa) in length. It contains N-terminal poly-Ala (aa 46-55) and poly-His (aa 87-97) segments, followed by five C2H2-type Zn-fingers (aa 253-410). Within the zinc finger region, there is an overlapping NES (aa 290-349) and two NLS's (aa 367-382 and 403-410). ZIC3 reportedly binds to GLI-3.

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