

Product datasheet

Recombinant Human Cer1 protein ab152052

Description

Product name	Recombinant Human Cer1 protein	
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	HEK 293 cells	
Accession	<u>O95813</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	TRHQDGRQNQSSLSPVLLPRNQRELPTGNHEEAEEKPDL FVAVPHLVGTS PAGEGQRQREKMLSRFGRFWKKPEREMHPSRDSSEPFPPGTQSLIQPID GMKMEKSPLREEAKKFWHHFMFRKTPASQGVILPIKSHEVHWETCRTVVPF SQTITHEGCEKLVVQNNLCFGKCGSVHFPGAAQHSHTSCSHCLPAKFTTM HLPLNCTELSSVIKVVMLVEECQCKVKTEHEDGHILHAGSQDSFIPGVSA VDHHHHHH	
Predicted molecular weight	29 kDa including tags	
Amino acids	18 to 267	
Tags	His tag C-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab152052** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term. pH: 4.5 Constituent: 0.12% Acetic acid
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. For long term storage aliquot and store at < -20°C.

General Info

Function	Cytokine that may play a role in anterior neural induction and somite formation during embryogenesis in part through a BMP-inhibitory mechanism. Can regulate Nodal signaling during gastrulation as well as the formation and patterning of the primitive streak.
Sequence similarities	Belongs to the DAN family. Contains 1 CTCK (C-terminal cystine knot-like) domain.
Post-translational modifications	N-glycosylated.
Cellular localization	Secreted.

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