#### CUBEMEMBER

[Syntax](Syntax.docx):

CUBEMEMBER ( [connection](connection.docx) , member-expression , [ , [ caption ] ] )

Description: Fetches from the OLAP cube on the SQL Server designated by [connection](connection.docx), the [member](member.docx) or tuple defined by member-expression. [Note: This function is used to validate that the [member](member.docx) or tuple exists in the cube. end note]

When a call to CUBEMEMBER is used as an argument to another CUBExxx function, the MDX expression that identifies the [member](member.docx) or tuple is used by that CUBExxx function, rather than the displayed value in the [cell](cell.docx) of the CUBEMEMBER function.

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| [connection](connection.docx) | [text](text.docx) | The name of the [connection](connection.docx) to the cube. |
| member-expression | [text](text.docx), [reference](reference.docx), array | A multidimensional expression (MDX) that evaluates to a unique [member](member.docx) in the cube. Alternatively, member-expression can be a tuple, specified as a [cell](cell.docx) range or an array constant. |
| caption | [text](text.docx) | The string displayed in the [cell](cell.docx) instead of the caption from the cube (assuming it defines such a caption). When a tuple is returned, the caption used is the one for the last [member](member.docx) in the tuple. |

Return Type and Value: any – A [member](member.docx) or tuple in a cube hierarchy.

However, if

* The [connection](connection.docx) name is not a valid [workbook](workbook.docx) [connection](connection.docx) stored in the [workbook](workbook.docx), the return value is unspecified.
* The OLAP server is not running, not available, or returns an error message, the return value is unspecified.
* At least one element within the tuple is invalid, the return value is unspecified.
* The syntax of member-expression is incorrect, the return value is unspecified.
* The [member](member.docx) specified by member-expression doesn’t exist in the cube, the return value is unspecified.
* The tuple is invalid because there is no intersection for the specified values, the return value is unspecified.
* The set contains at least one [member](member.docx) with a different [dimension](dimension.docx) than the other [members](members.docx), the return value is unspecified.

[Example:  
  
CUBEMEMBER("Sales","[Time].[Fiscal].[2004]")  
CUBEMEMBER($A$1,D$12)  
CUBEMEMBER("Sales",(B4,C6,D5),"SalesFor2004")   
CUBEMEMBER("Sales",{[Products].[Food];[Time].[Fiscal].[2004]})  
CUBEMEMBER($A$1,C$12:D$12)  
  
end example]