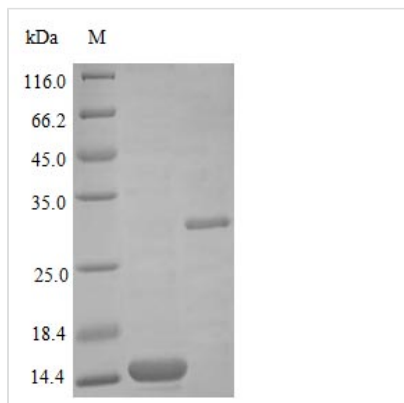




# Recombinant Human Bone morphogenetic protein 2 protein (BMP2)

<b>Product Code</b>	CSB-AP002981HU
<b>Abbreviation</b>	Recombinant Human BMP2 protein (Active)
<b>Uniprot No.</b>	P12643
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered concentrated solution containing 10 mM sodium citrate pH 3.5.
<b>Product Type</b>	Growth Factors
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Fully biologically active when compared to standard. The ED50 as determined by inducing alkaline phosphatase production of murine ATDC5 cells is less than 200 ng/ml, corresponding to a specific activity of $>5.0 \times 10^3$ IU/mg.
<b>Purity</b>	$\geq 95\%$ as determined by SDS-PAGE.
<b>Sequence</b>	M+QAKHKQRKR LKSSCKRHPL YVDFSDVGWN DWIVAPPGYH AFYCHGCEPF PLADHLNSTN HAIVQTLVNS VNSKIPKACC VPTELSAISM LYLDENEKVV LKNYQDMVVE GCGCR
<b>Research Area</b>	Cancer
<b>Source</b>	E.Coli
<b>Target Names</b>	BMP2
<b>Expression Region</b>	283-396aa
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	13 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>PubMed ID</b>	3201241; 11780052; 9265423; 15020244; 20555025; 10074410

## Image



## Endotoxin

Less than 1.0 EU/µg as determined by LAL method.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.