Recombinant Human BMP7 protein, For Organoid Culture

Cat. No. BMP7-3522H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMP7 protein(P18075)(Ser293-His431) is expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser293-His431
Tag	Non
Form	Supplied as a 0.2 μm filtered solution of 20mM PB, 100mM NaCl, 5% Mannitol, 0.05% Tween80, pH7.5.
Molecular Mass	15.5 KDa
Endotoxin	< 1 EU/μg as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

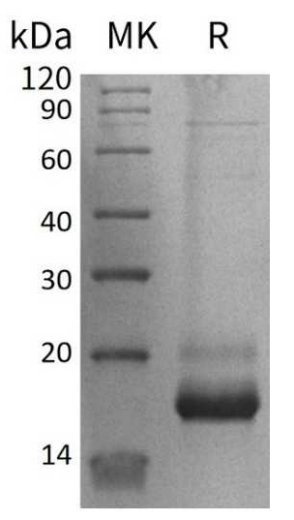
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	recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	ACVR1C activin A receptor, type IC [Homo sapiens]
Official Symbol	ACVR1C
Synonyms	ACVR1C; activin A receptor, type IC; activin receptor type-1C; ACVRLK7; ALK7; ALK-7; ACTR-IC; activin receptor type IC; activin receptor-like kinase 7;
Gene ID	130399
mRNA Refseq	NM_001111031
Protein Refseq	NP_001104501
MIM	608981
UniProt ID	Q8NER5

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SDS-PAGE	

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