

Recombinant Mouse GDF5 Protein, C-His (Active)

Summary

Catalog No.	AME39001
Alternative Names	Growth/differentiation factor 5, BMP14, BMP-14, Radotermine, GDF-5, Bone morphogenetic protein 14, GDF5, CDMP-1, Lipopolysaccharide-associated protein 4, LAP-4, CDMP1, Cartilage-derived morphogenetic protein 1, LPS-associated protein 4,
Form	Lyophilized
Storage buffer	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
Biological activity	Measured by its ability to induce alkaline phosphatase production by mouse chondrogenic cells (ATDC5). The ED50 for this effect is < 1.2 µg/mL.
Endotoxin level	<1 EU/µg of the protein by the LAL method.
Expression system	E. coli
Accession	P43027
Protein length	Ala376-Arg495
Nature	Recombinant
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

Recombinant Proteins & Antibodies

Species Mus musculus (Mouse)

Shipping In general, proteins are provided as lyophilized powder/frozen liquid.
They are shipped out with dry ice/blue ice unless customers require otherwise.

Note For research use only.

Data Image
