

PRODUCT INFORMATION
Leadgene® Precast Protein Gel

Catalog number LDG000300 / LDG000400 / LDG000500 / LDG000600

Package 10 Pack / Box

Gel type Bis-Tris gel

Gel characteristics	Catalog number	% Acrylamide	Wells	Well volume (µL)
	00032	4-12%	11	30-50
	00034	4-12%	15	15-30
	00036	4-20%	11	30-50
	00038	4-20%	15	15-30

Cassette size 10 x 10 cm

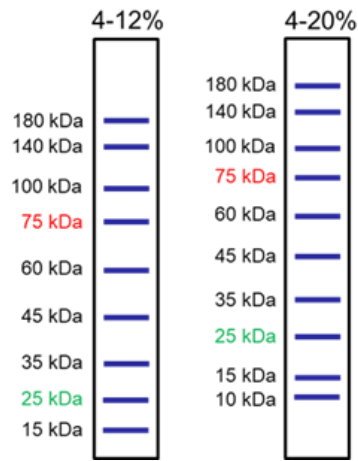
Gel thickness 1 mm

Compatibility Bio-Rad, Hoefer, CAVOY

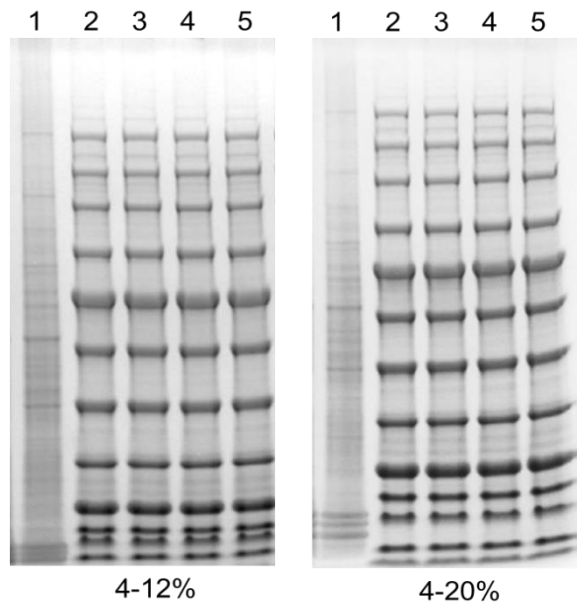
Storage Addition: MOPS SDS Running Buffer, 2 Packs (for 2 L buffer preparation).
Stored at 4°C. Do not freeze.
Add 1 L of double-distilled water to 1 pack of MOPS SDS Running Buffer and homogenize by using a vortex mixer, which is used as working running buffer. Once prepared, the buffer should be stored at 4°C and must be used within one week.

Notes 1X MOPS SDS Running Buffer components:
50 mM Tris, 50 mM MOPS, 0.1% SDS, 1 mM EDTA, pH7.3
Gel running condition: 30-35 min at 160 V in MOPS for one PAGE
*The running time may vary depending on the power supply and the percentage of gel.

Manuals 1. Choose the appropriate percentage of gel (4-12% or 4-20%) below using MOPS buffer.
2. Prepare the gel tank. Using MOPS as the running buffer.
3. Peel the blue tape at the bottom of the gel and remove the comb.
4. Put the gel into the gel running apparatus and add running buffer.
5. Sample preparation and gel loading.
6. Gel running.
7. Open the precast gel with an opener
*Refer to the User Guide for detail.

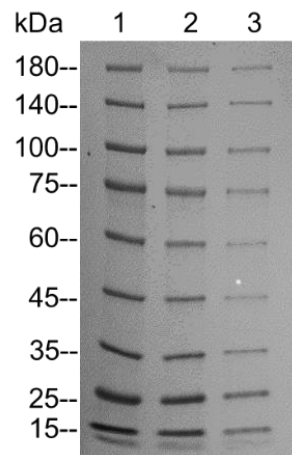


■ Leadgene® Precast Protein Gel migration charts



■ Leadgene® Precast Protein Gel electrophoresis

Lane 1: Cell lysates; Lane 2-5: protein marker



■ PVDF membrane transfer of Leadgene® Precast Protein Gel

Lane 1, 2 and 3: protein marker (3, 2, 1 μ L)

For research use only.