
Recombinant Human IMPACT Protein

Catalog Number: 230-01179

Data Sheet / Certificate of Analysis (CoA)

Last Revised: 11/26/2024

Source

Species	Human
Accession Number	Q9P2X3
Gene Symbols	IMPACT
Synonyms	Imprinted and ancient gene protein homolog.
Expressed Region	Ala2-His320

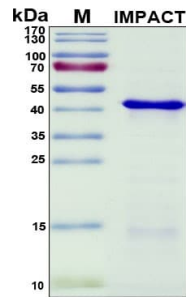
Preparation

Expression System	E. coli
Tag	N-terminal His-tag
Purity	>90%
Molecular Weight	40 kDa

Specifications

Format	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution in 0.1 M NaHCO ₃ (pH 8.0), 0.5 M NaCl, 0.1% Tween 80, 1% mannitol, 5% trehalose.
Concentration	Prior to lyophilization, the protein concentration was measured by Bio-Rad Bradford protein dye reagent concentrate.
Reconstitution	Briefly spin the vial to ensure all contents are at the bottom before opening. It is recommended to reconstitute the product at a concentration of 0.5-1.0 mg/mL using sterile deionized water.

SDS-PAGE Image



Shipping

The product is shipped with ice packs. Upon arrival, immediately store it at the temperature recommended below.

Storage/Stability

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C.
- For long term storage, it is recommended to store desiccated below -20°C in a manual defrost freezer.
- Generally, the shelf life is up to 12 months from date of receipt at -20°C or -80°C under sterile conditions.
- Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20°C. For long term storage, it is recommended to make appropriate aliquots at -20°C or -80°C.