

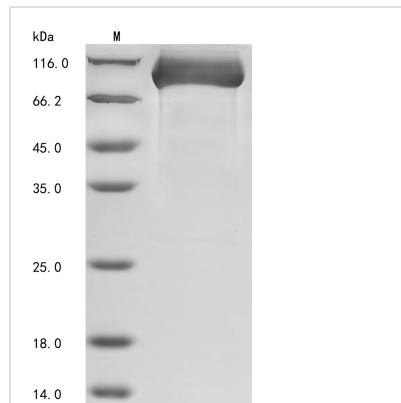


Recombinant Human Dipeptidyl peptidase 4 (DPP4), partial

Product Code	CSB-YP007139HU1
Abbreviation	Recombinant Human DPP4 protein, partial
Storage	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.
Uniprot No.	P27487
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	NKGTDDATADSRKTYTLTDYLNKNTYRLKLYSLRWISDHEYLYKQENNILVFNAE YGNSSVFLENSTFDEFGHSINDYSISPDGQFILLEYNVVKQWRHSYTASYDIYD LNKRQLITEERIPNNTQWVTWSPVGHKLAYVWNNDIYVKIEPNLPSYRITWTGK EDIIYNGITDWVYEEEVFSAYSALWWSPNGTFLAYAQFNDTEVPLIEYSFYSD SLQYPKTVRVPYPKAGAVNPTVKFFVNTDSLSSVTNATSIQITAPASMLIGDH YLCDVTWATQERISLQWLRRIQNYSVMDICDYDESSGRWNCNCLVARQHIEMST TGWVGRFRPSEPHTLDGNSFYKIISNEEGYRHICYFQIDKKDCTFITKGTWEVI GIEALTSYLYYISNEYKGMPPGGRNLYKIQLSDYTKVTCLSCELNPERCQYYSV SFSKEAKYYQLRCSGPGPLPLYTLHSSVNDKGLRVLEDNSALDKMLQNVQMPS KKLDFIILNETKFWYQMILPPHFDKSKKYPLLLDVYAGPCSQKADTVFRLNWAT YLASTENIIVASFDRGSGYQGDKIMHAINRRLGTFEVEDQIEAARQFSKMGFV DNKRIAWGWSYGGYVTSMLVLSGSGVFKCGIAVAPVSRWEYYDSVYTERYM GLPTPEDNLDHYRNSTVMSRAENFKQVEYLLIHGTADDNVHFQQSAQISKALV DVGVDVFQAMWYTDEDHGIASSTAHHQHIYTHMSHFIKQCFSLP
Research Area	Cancer
Source	Yeast
Target Names	DPP4
Expression Region	29-766aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	87.4 kDa


Protein Length

Partial

Image


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Boost your cancer research with our Recombinant Human DPP4 protein, a multifunctional protein with a crucial role in cell signaling, immune regulation, and cancer progression. DPP4, or Dipeptidyl peptidase 4, is a type II transmembrane glycoprotein and serine exopeptidase involved in numerous physiological processes, making it an attractive therapeutic target for various diseases, including cancer.

Sourced from a yeast expression system, our Recombinant Human DPP4 protein covers a partial sequence (29-766aa) and includes an N-terminal 6xHis tag for efficient purification and detection. With a purity greater than 90% as determined by SDS-PAGE, this high-quality protein is suitable for a wide range of applications in cancer research. Available in both liquid and lyophilized powder forms, you can choose the format that best suits your research needs and experimental design.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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.