

Human Dipeptidyl Peptidase 4 / CD26 (DPP4) Enzyme

Catalogue No.: abx073619

Dipeptidyl-Peptidase 4 is a recombinant enzyme.

Target:	Dipeptidyl Peptidase 4 / CD26 (DPP4)
Origin:	Human
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	Insect
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Form:	Liquid
Purity:	> 95% (SDS-PAGE)
Purification:	Purified by conventional chromatography techniques.
Storage:	Store at 4 °C if the entire vial will be used within 4 weeks. Store at -20 °C for long term storage. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P27487 (UniProt , ExPASy)
KEGG:	hsa:1803
String:	9606.ENSP00000353731
Molecular Weight:	85.4 kDa
Sequence Fragment:	39-766 AA

Datasheet

Version: 4.0.0
Revision date: 23 Jun 2025

**Sequence:**

ADPSRKTYTL TDYLKNTYRL KLYSLRWISD HEYLYKQENN ILVFNAEYGN SSVFLENSTF
DEFGHSINDY SISPDGQFIL LEYNYVKQWR HSYTASYDIY DLNKRQLITE ERIPNNTQWV
TWSPVGHKLA YVWNNDIYVK IEPNLPSYRI TWTGKEDIY NGITDWVYEE EVFSAYSALW
WSPNGTFLAY AQFNDTEVPL IEYSFYSDS LQYPKTVRVP YPKAGAVNPT VKFFVNTDS
LSSVTNATSI QITAPASMLI GDHYLCDVTW ATQERISLQW LRRIQNYSTM DICDYDESSG
RWNCLVARQH IEMSTTGWVG RFRPSEPHFT LDGNSFYKII SNEEGYRHIC YFQIDKKDCT
FITKGTWEVI GIEALTSDYL YYISNEYKGM PGGRNLYKIQ LSDYTKVTCL SCELNPERCQ
YYSVSFSKEA KYYQLRCSGP GLPLYTLHSS VNDKGLRVLE DNSALDKMLQ NVQMPSKKLD
FIILNETKFW YQMILPPHFD KSKKYPLLLD VYAGPCSQKA DTVFRLNWAT YLASTENIIV
ASFDRGSGY QGDKIMHAIN RRLGTFEVED QIEAARQFSK MGFVDNKRIA IWGWSYGGYV
TSMVLGSGSG VFKCGIAVAP VSRWEYYDSV YTERYMGLPT PEDNLDHYRN STVMSRAENF
KQVEYLLIHG TADDNVHFQQ SAQISKALVD VGVDFQAMWY TDEDHGIASS TAHQHIYTHM
SHFIKQCFSL PHHHHHH.

Tag:

C-terminal His tag

Buffer:

20 mM Tris-HCl buffer, pH 8, 100 mM NaCl, 1 mM EDTA and 10% glycerol.

Biological Activity:

> 200 Units/mg

One unit will hydrolyze 1 μ mol of p-nitroaniline per minute at pH 8.0 at 37 °C using 1 mM of Gly-Pro p-nitroanilide as the substrate.

Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.