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Human recombinant protein UCHL1

Human Recombinant UCHL1
Catalog # PBV10545r

Specification

Human recombinant protein UCHL1 - Product info

Primary Accession	P09936
Concentration	1
Calculated MW	24.8 kDa (223 aa) KDa

Human recombinant protein UCHL1 - Additional Info

Gene ID	7345
Gene Symbol	UCHL1

Other Names
Ubiquitin carboxyl-terminal esterase L1, UCHL1, PARK5, Uch-L1, PGP9.5.

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MQLKPMEINP EMLNKVLSRL GVAGQWRFVD VLGLEEESLG SVPAPACALL LFPLTAQHE NFRKKQIEEL KGQEVSPKVY FMKQTIGNSC GTIGLIHAVA NNQDKLGFED GSVLKQFLSE TEKMSPEDRA KCFEKNEAIQ AAHDAVAQEG QCRVDDKVNF HFILFNNVDG HLYELDGRMP FPVNHGASSE DTLLKDAAKV CREFTEREQG EVRFSAVALC KAA

Format
Liquid

Storage
-80°C; 1 mg/ml solution in In 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM EDTA.

Human recombinant protein UCHL1 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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Human recombinant protein UCHL1 - Images

Human recombinant protein UCHL1 - Background

PGP9.5/UCH-L1 is a member of a gene family whose products hydrolyze small C-terminal adducts of ubiquitin to generate the ubiquitin monomer. PGP9.5 is a component of the ubiquitin system, which has a fundamental role in regulating various biological activities. PGP9.5 gene encodes two opposing enzymatic activities that affect alpha-synuclein degradation and Parkinson's disease susceptibility. Recombinant PGP9.5 protein was expressed in E.coli and purified by using conventional chromatography techniques.

Human recombinant protein UCHL1 - References

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Day I.N.M.,et al.Biochem. J. 268:521-524(1990).
Choi J.,et al.J. Biol. Chem. 279:13256-13264(2004).
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