

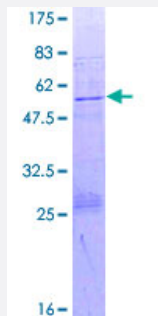
Full-Length

DUSP15 (Human) Recombinant Protein (P01)

Catalog # H00128853-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DUSP15 full-length ORF (AAH56911.1, 1 a.a. - 235 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGNGMTKVLPLGLYLGNFIDAKDLDDLGRNKITHIISIHESQPQLLDITYLRIPVADTPEVPIKKHFKE
CINFIHCCRLNGGNCLVHCFAGISRSTTMTAYVMTVTGLGWRDVLEAIKATRPIANPNPGFRQQLE
EFGWASSQKLRRQLEERFGESEPFDEEELRALLPLCKRCRQGSATSASSAGPHSAASEGTLQR
LVPRTPREAHRPLPLLARVKQTFSCLPRLSRKGGK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

52.6

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DUSP15

Entrez GeneID [128853](#)

GeneBank Accession# [BC056911.1](#)

Protein Accession# [AAH56911.1](#)

Gene Name DUSP15

Gene Alias FLJ40111, VHY

Gene Description dual specificity phosphatase 15

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the non-receptor class of the protein-tyrosine phosphatase family. The encoded protein has both protein-tyrosine phosphatase activity and serine/threonine-specific phosphatase activity, and therefore is known as a dual specificity phosphatase. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000030536|VH1-related member Y|dual specificity phosphatase-like 15

Publication Reference

- [Identification of VHY/Dusp15 as a regulator of oligodendrocyte differentiation through a systematic genomics approach.](#)

Schmidt F, van den Eijnden M, Pescini Gobert R, Saborio GP, Carboni S, Alliod C, Pouly S, Staugaitis SM, Dutta R, Trapp B, Hooft van Huijsduijnen R.

PLoS One 2012 Jul; 7(7):e40457.

Application: Enzyme, Func, Recombinant protein