

## Recombinant Human TDO2 (1-406) Protein

Cat. No. TDO216711H    Lot. No. (See product label)

### SPECIFICATION

#### Product Overview

|                |                                                                                                                                                                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species        | Human                                                                                                                                                                                                                                                         |
| Description    | Tryptophan-2,3-Dioxygenase (TDO) (human) was expressed and purified from E.coli. The protein was expressed as a N-terminal HIS-fusion protein and purified by a 2-step chromatographic procedure comprising affinity and size exclusion chromatography steps. |
| Molecular Mass | 50 kDa                                                                                                                                                                                                                                                        |
| Purity         | > 90%                                                                                                                                                                                                                                                         |
| Storage        | frozen; -80                                                                                                                                                                                                                                                   |
| Storage Buffer | 50 mM KP 7.0;300 mM NaCl;0.5 mM EDTA;0.5 mM EGTA                                                                                                                                                                                                              |

### GENE INFORMATION

|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | TDO2 (1-406)                                                                                                                     |
| Official Symbol | TDO2                                                                                                                             |
| Synonyms        | Tryptophan 2;3-Dioxygenase; Tryptamin 2;3-Dioxygenase; Tryptophan Oxygenase; Tryptophan Pyrrolase; Tryptophanase; EC 1.13.11.11; |

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| Gene ID | 6999 |
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| UniProt ID | P48775 |
|------------|--------|

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