

## Datasheet for ABIN7580424 **KIT Protein (His tag)**



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### Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 100 µg                                       |
| Target:                       | KIT                                          |
| Origin:                       | Mouse                                        |
| Source:                       | Escherichia coli (E. coli)                   |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This KIT protein is labelled with His tag.   |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS), ELISA |

### Product Details

|           |                                            |
|-----------|--------------------------------------------|
| Purpose:  | Recombinant Mouse CD117/KIT Protein, N-His |
| Sequence: | Ser38-Gly513                               |

### Target Details

|                   |                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | KIT                                                                                                                                                           |
| Alternative Name: | CD117/KIT ( <a href="#">KIT Products</a> )                                                                                                                    |
| Background:       | Proto-oncogene c-Kit, SCFR, Sl, Kit, CD117, Mast/stem cell growth factor receptor Kit, Tyrosine-protein kinase Kit                                            |
| Molecular Weight: | 55.41 kDa                                                                                                                                                     |
| UniProt:          | <a href="#">P05532</a>                                                                                                                                        |
| Pathways:         | <a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin</a> |

## Target Details

Signaling Pathway, Sensory Perception of Sound, Stem Cell Maintenance, Production of Molecular Mediator of Immune Response, Regulation of long-term Neuronal Synaptic Plasticity

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                     |
| Reconstitution:  | Reconstitute in sterile water for a stock solution.                                                                                                             |
| Buffer:          | Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.                                                                  |
| Storage:         | 4 °C,-20 °C                                                                                                                                                     |
| Storage Comment: | Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 °C for twelve months from the date of receipt. |