

Human EN2, Tag Free Protein

HA210803



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| Product name: | Human EN2, Tag Free |
| Species reactivity: | Human |
| Bio-Activity: | Testing in progress. |
| Protein construction description: | A DNA sequence encoding the human EN2 protein (P19622) (Met 1-Glu 333) was expressed with tag free. |

Background: Homeobox-containing genes are thought to have a role in controlling development. In *Drosophila*, the 'engrailed' (*en*) gene plays an important role during development in segmentation, where it is required for the formation of posterior compartments. Different mutations in the mouse homologs, *En1* and *En2*, produced different developmental defects that frequently are lethal. The human engrailed homologs 1 and 2 encode homeodomain-containing proteins and have been implicated in the control of pattern formation during development of the central nervous system.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per μg by the LAL method.

Fragment region: EN2 (1-333)

Source: HEK293

Accession: P19622

Predicted molecular mass: 34.6 kD

Formulation: Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 $\mu\text{g}/\text{ml}$ in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

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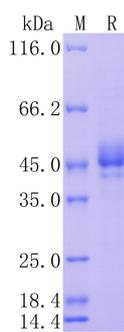


Fig1: Protein on SDS-PAGE under reducing (R) condition.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".
