

## Recombinant Human MAGEA4

### Source

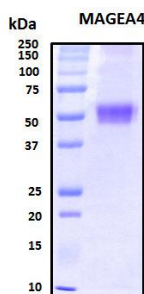
- **Species** Human
- **Gene Symbols** MAGEA4
- **Accession Number** P43358
- **Expressed Region** Ser2-Val317
- **Synonyms** MAGEA4, Melanoma-associated antigen 4, Cancer/testis antigen 1.4, CT1.4, MAGE-4 antigen, MAGE- 41 antigen, MAGE-X2 antigen, MAGE4A, MAGE4B, Cancer/Testis Antigen Family 1, Member 4.

### Preparation

- **Expression System** Human embryonic kidney 293 (HEK293) cells
- **Tag** N-terminal histidine tag
- **Purification** His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
- **Purity** >95%
- **Endotoxin Level** <0.5 EU per µg of the protein as determined by the LAL method
- **Purity determined** By SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
- **Molecular Weight** Recombinant Human MAGEA4 has a calculated molecular mass of 37 kDa. Due to the abundant glycosylation, it migrates as approximately 50 kDa protein band in SDS-PAGE under DTT, beta-mercaptoethanol reducing conditions.

### Protein Specifications

- **Format** Lyophilized powder
- **Formulation** Lyophilized from a 0.2 µm filtered solution in PBS (pH 7.4)
- **Concentration** Determined by Pierce BCA protein assay
- **SDS-PAGE Image**



### Shipping

The product is shipped with ice packs.

### Storage/Stability

Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C. For long term storage, it is recommended to store desiccated below -20°C in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20°C. For long term storage, it is recommended to make appropriate aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.

This product is furnished for **LABORATORY RESEARCH USE ONLY**.  
Not for diagnostic or therapeutic use.