

Product datasheet for **TP762214**

EP2 (PTGER2) (NM_000956) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human prostaglandin E receptor 2 (subtype EP2), 53kDa (PTGER2), Met1-Tyr111, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Met1-Tyr111) of PTGER2
Tag:	N-His
Predicted MW:	11.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000947
Locus ID:	5732
UniProt ID:	P43116
RefSeq Size:	2395
Cytogenetics:	14q22.1
RefSeq ORF:	1074
Synonyms:	EP2
Summary:	This gene encodes a receptor for prostaglandin E2, a metabolite of arachidonic acid which has different biologic activities in a wide range of tissues. Mutations in this gene are associated with aspirin-induced susceptibility to asthma. [provided by RefSeq, Oct 2009]

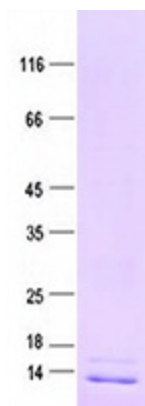


[View online »](#)

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Purified recombinant protein PTGER2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.